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Technical Note

By L. Karr, J. Dhooge, and A. Walker

Sponsored By Naval Facilities Engineering Command

INSTALLATION RESTORATION: NAVY LANDFILLS AND EPA COVER GUIDANCE

ABSTRACT The Navy has 229 hazardous waste landfills that must be treated or capped. Treatment of these wastes is often complicated and expensive due to the wide range of contaminants present. Current technology does not meet the needs for remediating all 229 sites. An alternative to treatment is to design a long-term cover, or cap, for the landfill. Current EPA guidance allows for modifications which may reduce costs and increase life expectancy of a final cover system.

NAVAL CIVIL ENGINEERING LABORATORY PORT HUENEME CALIFORNIA 93043-5003

METRIC CONVERSION FACTORS

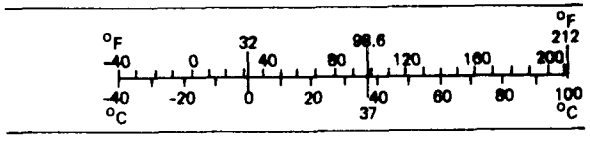
Approximate Conversions to Metric Measures

Symbol	When You Know	Multiply by	To Find	Symbol
		LENGTH		
in	inches	*2.5	centimeters	cm
ft	feet	30	centimeters	cm
yd	yards	0.9	meters	m
mi	miles	1.6	kilometers	km
		AREA		
in^2	square inches	6.5	square centimeters	cm^2
ft^2	square feet	0.09	square meters	m^2
yd^2	square yards	0.8	square meters	m^2
mi^2	square miles	2.6	square kilometers	km^2
	acres	0.4	hectares	ha
		MASS (weight)		
oz	ounces	28	grams	g
lb	pounds	0.45	kilograms	kg
	short tons (2,000 lb)	0.9	tonnes	t
		VOLUME		
tsp	teaspoons	5	milliliters	ml
Tbsp	tablespoons	15	milliliters	ml
fl oz	fluid ounces	30	milliliters	ml
c	cups	0.24	liters	l
pt	pints	0.47	liters	l
qt	quarts	0.95	liters	l
gal	gallons	3.8	liters	l
ft^3	cubic feet	0.03	cubic meters	m^3
yd^3	cubic yards	0.76	cubic meters	m^3
		TEMPERATURE (exact)		
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C

*1 in = 2.54 (exactly). For other exact conversions and more detailed tables, see NBS Misc. Publ. 286, Units of Weights and Measures, Price $2.25, SD Catalog No. C13.10:286.

Approximate Conversions from Metric Measures

Symbol	When You Know	Multiply by	To Find	Symbol
		LENGTH		
mm	millimeters	0.04	inches	in
cm	centimeters	0.4	inches	in
m	meters	3.3	feet	ft
m	meters	1.1	yards	yd
km	kilometers	0.6	miles	mi
		AREA		
cm^2	square centimeters	0.16	square inches	in^2
m^2	square meters	1.2	square yards	yd^2
km^2	square kilometers	0.4	square miles	mi^2
ha	hectares (10,000 m^2)	2.5	acres	
		MASS (weight)		
g	grams	0.035	ounces	oz
kg	kilograms	2.2	pounds	lb
t	tonnes (1,000 kg)	1.1	short tons	
		VOLUME		
ml	milliliters	0.03	fluid ounces	fl oz
l	liters	2.1	pints	pt
l	liters	1.06	quarts	qt
l	liters	0.26	gallons	gal
m^3	cubic meters	35	cubic feet	ft^3
m^3	cubic meters	1.3	cubic yards	yd^3
		TEMPERATURE (exact)		
°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	°F



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The Navy has 229 hazardous waste landfills that must be treated or capped. Treatment of these wastes is often complicated and expensive due to the wide range of contaminants present. Current technology does not meet the needs for remediating all 229 sites. An alternative to treatment is to design a long-term cover, or cap, for the landfill. Current EPA guidance allows for modifications which may reduce costs and increase life expectancy of a final cover system.

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EXECUTIVE SUMMARY

The Navy has 229 landfills spread over 1,761 acres that must be treated or capped. These landfills contain a variety of hazardous wastes, from pesticides to toxic metals and acid wastes. The current investigation summarizes the potential scope of cleanup by compiling a matrix that identifies all sites with a significant potential hazard. The matrix also includes site location and approximate size, summary of waste constituents, remedial investigation/feasibility study (RI/FS) status, leachate production, and potential for groundwater contamination.

Treatment technology for landfills is marginal and expensive; therefore, capping technology is rapidly evolving as a cost-effective alternative. Capping may provide a long-term solution by preventing migration of the contaminants offsite. This report documents the landfills that may potentially benefit from an improved capping technology. In addition, a brief description of current EPA guidance on capping technology is presented.

CONTENTS

INTRODUCTION

The Naval Civil Engineering Laboratory (NCEL) has been tasked by the Naval Facilities Engineering Command (NAVFAC) to investigate technologies suitable for capping hazardous waste landfills. This is due to the fact that the owner or operator of the landfill, or a surface impoundment closed as a landfill, must meet the closure requirements specified under the Code of Federal Regulations 40 CFR 264.310 or 40 CFR 265.310. In partial fulfillment of this task, a review has been conducted of known Navy hazardous waste landfill sites that may benefit from an improved capping technology. Current landfill capping technology is targeted for a 20-year lifespan. This has been found to be inadequate. The objective of capping research will be to not only extend the lifespan of the landfills, but also to improve their construction to avoid the problems of groundwater contamination, leachate production, erosion, and contaminated runoff.

The Navy has 229 sites on 100 installations, which cover a minimum of 1,761 acres. Many of these sites may be unlined, thus contributing to groundwater contamination. Alternatives include treatment of the waste, leachate, and groundwater, or containment of the hazard by capping or other engineered designs. This report documents all known Navy landfills (with a significant hazard ranking score, HRS), their location, waste constituents, and potential for groundwater contamination. When possible, their size in acres, or volume in tons, has also been listed. In addition, current Environmental Protection Agency (EPA) guidance for landfill capping has been investigated.

DEFINITIONS

The following terms are key phrases used in this report:

LANDFILL - Lined or unlined trench, pit, or other excavation area where wastes have been placed and periodically covered with soil which may or may not include leachate collection systems.

SURFACE IMPOUNDMENT - Lined pit or lagoon where uncontainerized liquid wastes have been discharged for disposal.

DISPOSAL PIT/DRY WELL - Unlined pit or dry well where uncontainerized wastes have been discharged for disposal.

CONTAMINATED FILL - Contaminated backfill.

PROBLEM DEFINITION

Over the decades, the Navy has accumulated large amounts of waste. Much of this waste has been amassed in landfills, burials, fills, and pits throughout the Navy. When these sites fill up, it becomes necessary to cover, or cap them. Landfill covers experience problems associated with water and wind erosion, lack of vegetation, excessive sunlight, and disturbance by people or soil-dwelling animals. Covered landfills may also experience water infiltration, uneven settlement, and displacement due to slope instability. Many of these problems are not adequately addressed by present technologies. "The performance of a capped and closed waste facility is critically important. If a breach should occur many years after closure, there is a high likelihood that maintenance forces would be unavailable. In that event, surface water could enter the facility with largely unknown consequences" (EPA/625/4-89/022) (Ref 1). Thus, there is a need for improving landfill cover technology.

Navy landfills may differ from other landfills due to their location. Most Navy landfills are located in coastal areas which contributes to increased penetration by water subsurfically, or in areas of high precipitation, creating high infiltration and runoff. Currently, the Navy has a total of 229 sites that could benefit from better landfill cover technology. Of these sites, 196 are landfills, 23 are burials, and six are pits. The remaining four sites are fills and mine fills. These sites contain a variety of materials ranging from infectious waste to polychlorinated biphenyl (PCB) dielectric fluid to radiological waste. More common materials are paints, batteries, asbestos, solvents, fuels, and pesticides. For a more complete listing, see Tables 1 through 4.

Twenty of the sites have definite groundwater contamination. Of these, 19 are landfills and one is a burial. Of the remaining 209 sites, 73 have a possibility of groundwater contamination, varying from a very low potential to a high probability of contamination.

Another problem occurring at these sites is the presence of leachate. Fifteen sites reported the presence of leachate. Fourteen of these sites are landfills and one is a pit. Six additional sites reported the possibility of leachate being present.

Measures are being taken at some of these areas to ameliorate current groundwater and leachate problems and to prevent further contamination. Other sites are currently undergoing testing and analysis and will need to take action in the near future.

Table 1. Substances Present in Navy Landfills

batteries	lumber
paint (lead and mercury)	metal
asbestos	PCP
thinners	battery acid
construction waste	municipal waste
hazardous waste	waste oils
PCB dielectric fluid	oils
sodium fluoride	calcium hypochlorite
tear gas	glass beads
transformers	corrosives

Table 1. Continued

metal residue from ordnance burning	diazinon
fuels	photo developer
asphalt	brake fluid
sewage sludge	pesticides
fuel tank sludges	live ordnance
plating wastes	nitrobenzene and lead
methylethyl ketone	caustics
trichloroethane	trichlorothylene
greases	carbon tetrachloride
sand blast grit	phthalate
mogas	avgas
resins	mercury amalgam
radium dials	naphthalene
ethylene glycol	magnatron tubes
infectious waste	radiological waste
tritanol filler	acids
electrical equipment	concrete
tires	perchloroethylene
	plastic

Table 2. Substances Present in Navy Burials

tear gas	pesticides
sewage sludge	waste oils
unknown chemicals	PCBs
paint	thinners
solvents	DC-9 aircraft
hazardous fluids	asbestos
ordnance materials	electrical gear
transformers	firebricks containing cyanide salt and sludge
acids	dyes (toxic and carcinogenic)
explosive compounds	thorium nitrates
mustard gas	coal ash
scrap metal	vehicles
oil and grease emulsions	

Table 3. Substances Present in Navy Pits

ordnance	explosives
solvents	soil sterilants
spent electroless nickel solution	alkaline cleaning waste
sulfuric acid	anodizing waste
demolition charges	smokeless powder
grenades	projectiles
gun ammunition	rockets
construction debris	mixed pyrotechnics
oils	miscellaneous waste
asphalt	paint
firing range waste	chemicals

Table 4. Substances Present in Navy Fills

sandblast grit	steel grit
copper grit	lead grit
rust	paint
heavy metals	chemicals
waste oils	acid tank roofs
contaminated water	garbage
wood	JP-5
tetraethyl lead sludge	TNT (mine fill)
RDX (mine fill)	HMX (mine fill)

EPA GUIDANCE

The EPA provides design guidance on final cover systems for hazardous waste landfills and surface impoundments. EPA/530-SW-89-047 Technical Guidance Document (Ref 2) presents design and operating parameters that generally comply with the design and operating requirements and the closure and post-closure requirements of 40 CFR Part 264. Further information on the closure and post-closure regulations is found in Appendix A. The EPA believes that the final cover, if properly designed and constructed, can provide long-term protection of the unit from moisture infiltration due to precipitation. The cover system proposed by the EPA is outlined below and is represented in Figure 1. It is a multilayer design consisting of a vegetated top layer, a drainage layer, and a low-permeability layer. Optional layers may also be required under specific circumstances, as shown in Figure 2.

The EPA states that other final cover designs are acceptable upon determination that the alternative design fulfills the regulatory requirements.

BASIC COMPONENTS OF A COMPLETED LANDFILL

A brief narrative for each landfill component is provided below. For a more complete listing of components and definitions, please refer to the Technical Guidance Manual EPA/530-SW-89-047 (Ref 2).

Vegetative Layer

In the short term, the vegetative layer prevents wind and water erosion, minimizes the percolation of surface water into the waste layer, and maximizes evapotranspiration. In the long term, it functions to enhance aesthetics and to promote a self-sustaining ecosystem on top of the landfill. The latter function is of primary importance because the site may not be maintained for an indefinite period. Native covers are usually the best choice for the vegetative layer.

For sites on very arid land or on steep slopes, an armoring system, or hardened cap, may be more effective than a vegetative layer. Many States allow asphalt caps as an alternative to vegetative covers. These caps, however, need to be maintained and resealed every 5 years.

Cover Soil

The cover soil must have a minimum thickness of 2 feet. The final upper slope angles are to be from 3 to 5 percent, after allowing for final settlement and subsidence of the waste.

Biotic Barrier

The biotic barrier consists of a gravel and rock layer designed to prevent the intrusion of burrowing animals. This protection is primarily necessary around the cap but, in some cases, may also be needed at the bottom of the liner. Although animals cannot generally penetrate the flexible membrane cap (FMC), they can widen an existing hole or tear through wrinkled material. The proposed 1-meter thickness should effectively prevent penetration by all but the smallest insects. The biotic barrier also serves as the surface water collection/drainage layer. Barriers used in nuclear waste site caps may be up to 14 feet thick, with rocks several feet in diameter. These barriers are intended to prevent disruption by humans both now and in the future. Human intrusion, either accidental or intentional, can usually be forestalled by posting signs and erecting fences.

Surface Water Collection and Removal (SWCR)

SWCR prevents surface water infiltration by containing and systematically removing liquids that collect within it. Infiltration is a particular concern in nuclear and hazardous waste facilities, where gas vent stacks are found. A containment system should be designed to prevent water from entering the system through the vents. In addition, three design issues must be considered: (1) cover stability, (2) puncture resistance, and (3) ability to withstand considerable stress due to settlement of the waste. The SWCR will have a minimum thickness of 12 inches.

Flexible Membrane Cap (FMC)

The primary purpose of the FMC is to keep surface water off the landfill and to increase the efficiency of the drainage layer. It is not usually exposed to the leachate, so chemical compatibility is not an issue. FMCs are subject to greater strains than flexible membrane liners (FMLs) due to settlement of the waste. They must be able to resist penetration by construction equipment, rocks, roots, etc. Their proximity to the surface allows for accessibility to perform repairs as needed. A minimum thickness of 20 mils is currently (August 1989) the EPA requirement (Ref 1), however, a new 40-mil thickness is being proposed. The FMC is referred to as the FML in Figures 1 and 2 and in the Technical Guidance Document (Ref 2).

Compacted Clay

Compacted clay is composed of soil with a low permeability, and must have a minimum thickness of 2 feet. Beneath the clay lies an operational cover over the landfill waste.

NAVY LANDFILLS

The majority of information for this report is contained in Appendix B, which is a compilation of all Navy landfills, burials, pits, fills, and minefills based upon a 1988 study by PEER Consultants (Ref 3) and cross-checked with the most current (1990-91) listing from the Naval Energy and Environmental Support Activity's (NEESA's) installation restoration (IR) database. The table is arranged according to Engineering Field Division (EFD), with an overview at the beginning of each EFD. Within each EFD is a listing by installation of sites and a brief synopsis of their waste constituents, size, RI/FS status, leachate production, and groundwater contamination.

Hazard ranking system (HRS) scores are also noted. The HRS score is an estimate of a waste site's danger (based upon a minimum of actual data). The system is a matrix of four pathways of exposure; surface water, air, groundwater, and soil exposure. Three components are attached to each pathway: waste characteristics, targets likely to be affected, and likelihood of a chemical release. Each factor is given a weighted numerical value and placed into a model. Scores range between zero and 100. Any site with a value of 28.5 or higher is placed on the Superfund National Priority List (NPL) (Ref 4). From this information it is seen that the Navy has 229 landfill sites to clean up. The problem is common to all EFDs and must be addressed by 100 installations.

RECOMMENDATIONS

Due to the large number of landfill sites requiring treatment or capping, further research is recommended. The first area involves capping technology. The guidance currently provided allows freedom to implement a cover system optimally designed for any particular site. Current Department of Defense/Department of Energy (DOD/DOE) research has already begun to focus on this. This knowledge will contribute to the implementation of cover systems under three climatic conditions: (1) arid, (2) high precipitation (1/2 from snow melt and 1/2 from rainfall), and (3) high precipitation (all as rainfall). Recently, a project involving this third climatic

condition as a research topic was proposed to NAVFAC to be initiated at a site to be determined in FY92. The advantage to this research lies in reduced costs (by eliminating costly clay cap when not necessary) and a longer design life.

In addition to capping research, treatment of the waste must also be investigated. Current technology does not adequately address all solid waste constituents or their leachates. Some wastes must be either treated or relocated due to adverse site location. Capping may not be effective on sites located on or in water bodies, or in high water table areas. A study by NCEL was conducted on the treatment of landfill leachate contaminated with low levels of priority pollutants (Ref 5). This study recommends further work in selecting and conducting treatment train laboratory studies on leachates. It also points out potential problems associated with the gases generated from the landfills and the residual solids generated from the treatment processes. The study also recommended conducting research in innovative processes of land treatment and engineered wetlands as alternatives to conventional remediation treatment.

REFERENCES

1. Environmental Protection Agency. Report No. EPA/625/4-89/022: Requirements for hazardous waste landfill design, construction, and closure. Seminar Publication, Center for Environmental Research Information. Cincinnati, OH, 1989.

2. _____. Report No. EPA/530-SW-89-047: Technical guidance document: Final covers on hazardous waste landfills and surface impoundments. Office of Solid Waste and Emergency Response. Washington, DC, 1989.

3. PEER Consultants. U.S. Navy installation restoration program activity and site narratives. Rockville, MD, 1988.

4. D. Hanson. "New hazard ranking system called more accurate," Chemical and Engineering News, Sep 16, 1991.

5. Naval Civil Engineering Laboratory. Contract Report CR91.013: Treatment of Navy landfill leachate contaminated with low levels of priority pollutants, by R.W. Regan. State College, PA, Oct 1991.

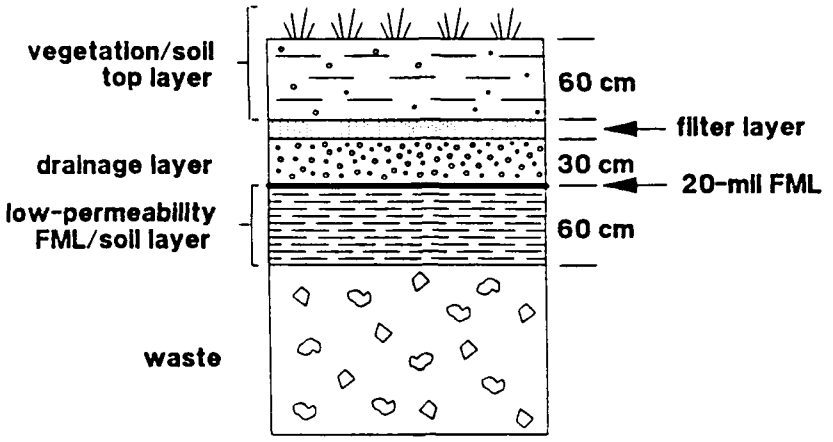

Figure 1
EPA-recommended cover design.

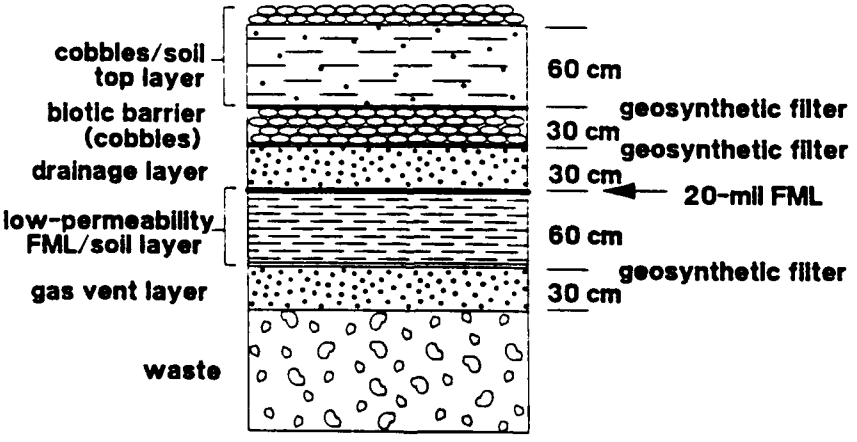

Figure 2
EPA-recommended cover design
with optional layers.

Appendix A

FINAL COVERS FOR HAZARDOUS WASTE UNITS

CLOSURE AND POST-CLOSURE REGULATIONS

All of the regulations dealing with hazardous waste landfill and surface impoundment cover requirements are found in Title 40, Parts 264 and 265, of the Code of Federal Regulations (40 CFR 264 and 40 CFR 265). Part 264 deals with permitted facilities and Part 265 with interim status facilities. Interim status facilities are, in general, those facilities that were in existence on November 19, 1980. Three subparts each of Parts 264 and 265 deal with general closure requirements: Subpart G - Closure and Post-Closure; Subpart K - Surface Impoundments; and Subpart N - Landfills. Each subpart contains several sections important to cover planning, design, and construction, as outlined in Table A-1.

There are a few differences between permitted and interim status unit closure and post-closure regulations under Subpart G of Parts 264 and 265. The major difference is that, for interim status units, public notice for changes to the approved closure and post-closure plans is not required. Changes to plans for permitted units require permit modifications which, in turn, require public notice and comment.

There are three significant differences between permitted and interim status unit final cover regulations under Subparts K and N of Parts 264 and 265. Part 264.303 requires monitoring and inspection to ensure that synthetic and soil materials used in the cover are watertight and structurally uniform. Such a requirement was not included in Part 265 for interim status units. The EPA recommends that a Construction Quality Assurance (CQA) program, establishing inspection activities, be utilized for covers being built at both permitted and interim status units. The EPA believes that a site-specific CQA inspection program is necessary to ensure that cover design specifications are met.

A second difference in requirements is that, while leachate collection and removal activities are required after closure under 40 CFR 264.310 for permitted units, they are not required under Part 265 for interim status units. The absence of a stated post-closure leachate collection and removal requirement makes cover performance for interim status units even more important. It should be noted that, under the broader performance standards of 40 CFR 265.111, the EPA may still require leachate collection during post-closure at an interim site.

The third, and perhaps most significant, difference is in the requirements of 40 CFR 264.310(b)(1)(v) and 40 CFR 265.310(b)(1)(v). These subsections require that the cover have a permeability less than or equal to any bottom liner or natural subsoil present. For interim status units, without an engineered liner, the cover could presumably be of relatively permeable materials. But here again, the EPA may impose the standards of 40 CFR 265.111, and require a more impermeable cover.

Table A-1. Closure and Post-Closure Regulatory Requirements

Section	Part 264	Part 265
	Subpart G - Closure and Post-Closure	
111	Closure performance standard	Closure performance standard
112	Closure plan - Amendment of plan	Closure plan - Amendment of plan
113	Time allowed for closure	Time allowed for closure
115	Certification of closure	Certification of closure
116	Survey plat	Survey plat
117	Post-closure care	Post-closure care
118	Post-closure plan - Amendment of plan	Post-closure plan - Amendment of plan
120	Certificate of completion of post-closure care	Certificate of completion of post-closure care
	Subpart K - Surface Impoundments	
226	Monitoring and inspection	Inspections
228	Closure and post-closure care	Closure and post-closure care
	Subpart N - Landfills	
301	Design and operating requirements	Design requirements
302	N/A	General operating requirements
303	Monitoring and inspection	N/A
310	Closure and post-closure care	Closure and post-closure care

For permitted landfills to meet the requirements of 40 CFR 264.310, the cover must have a permeability no greater than that of the double liner required under 40 CFR 264.301(c). The EPA does not consider this to mean that the final cover for a permitted unit must actually contain a double liner. Rather, the EPA recommends that the final cover include a layer whose liquid-rejection performance is equal to or better than the bottom composite liner (flexible membrane liner (FML) underlaid, and in full contact with, compacted soil) of the double-liner system detailed in the "Minimum Technology Guidance on Double Liner Systems for Landfills and Surface impoundments - Design, Construction and Operation" (EPA, 1987i). The EPA-recommended design for the cover does, in fact, include a composite barrier layer as outlined in Section 4. In all cases where a FML is used in the bottom liner, one should also be used in the cover. This does not mean, however, that the EPA necessarily recommends the use of exactly the same barrier materials in both the liner and cover. For example, different FML materials of equivalent performance may be used, such as high-density polyethylene for the bottom liner and polyvinyl chloride in the cover.

The EPA also recommends using the composite FML/clay barrier in interim status unit covers. However, for interim status units, compacted clay with a permeability equal to or less than 1×10^{-7} cm/sec may be used without a FML if the clay is less permeable than the landfill bottom liner or natural subsoil beneath the site. While 40 CFR 265.310(a)(5) might allow a less effective design, it is believed the long-term protection from infiltration provided by the recommended cover design justifies its use for all units. With the EPA-recommended composite design, it is more certain that the cover will be no more permeable than the bottom of the unit. In addition, the installation of the composite design on interim status units takes advantage of the practical opportunity to more effectively minimize water infiltration, leachate generation, and leachate migration.

LIQUIDS MANAGEMENT STRATEGY

The general closure performance standards are specified in 40 CFR 264.111 and 265.111 (Subpart G) for permitted and interim hazardous waste disposal facilities, respectively. The standards state that:

> "The owner or operator must close the facility in a manner that:
>
> a. Minimizes the need for further maintenance; and
>
> b. Controls, minimizes, or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated runoff, or hazardous waste decomposition products to the ground or surface waters or to the atmosphere..."

The requirements apply to hazardous waste landfills and to hazardous waste surface impoundments closed as landfills.

Landfill closure requirements are based on a two-part liquids management strategy of: (1) minimizing the leachate generation by keeping liquids out of the unit, and (2) detecting, collecting, and removing leachate within the unit. Closure requirements are specified in 40 CFR 264.310 and 40 CFR 265.310, and include a final cover and post-closure care.

The EPA considers keeping water out of the unit to be the prime element of the strategy. Thus, the EPA believes that a properly designed and constructed cover becomes, after closure, the most important feature of the landfill structure. The EPA requires that the cover be designed and constructed to provide long-term minimization of the movement of water from the surface into the closed unit. Where the waste mass lies entirely above the zone of groundwater saturation, a properly designed and maintained cover can prevent, for all practical purposes, the entry of water into the closed unit, and thus minimize the formation and migration of leachate. In the absence of damage, the cover design recommended here, including the FML/soil low-permeability layer, should restrict infiltration, to the extent of the design, for the long term.

Appendix B

NAVY LANDFILLS

SUMMARY

SOUTHDIV	53
PACDIV	20
CHESDIV	14
LANTDIV	39
NORTHDIV	35
NORTHWESTDIV	18
SOUTHWESTDIV	36
WESTDIV	14
Total	229

SOUTHDIV SITES

LANDFILLS - 46

BURIALS - 4

PITS - 2

FILLS - 1

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA CHARLESTON SC LANDFILL	SOUTH SIDE LANDFILL, SITE #2. 10 ACRES	MIGRATION TO SURFACE WATERS VIA GRD.WTR.IS POSSIBLE SOLVENTS, AND 90 mm SHELLS.	A CLOSURE PLAN USING EXISTING MONITORING WELLS RECOM'D AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	OBSERVED
WPNSTA CHARLESTON SC LANDFILL	NORTHSIDE LANDFILL, SITE #5. 10 ACRES	MIGRATION OF CONTAMINANTS TO SURFACE WATERS IS POSSIBLE. OILY WASTE & SOLVENTS.	RECOM'D THAT CLOSURE PLAN BE DEVELOPED USING EXISTING MONITOR WELLS AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCRD PARRIS ISLAND SC LANDFILL	INCINERATOR LANDFILL, SITE #1. 4 ACRES	CONTAMINATION COULD AFFECT: MAN, FISH, SHELLFISH, WILDLIFE AND ENDANGERED SPECIES. TRASH, INCINERATOR ASH, PAINT WASTES, THINNERS,STRIPPERS, SOLVENTS, PCB CONTAMINATED OIL, PAINT STRIPPING & WOOD PRESERVING RESIDUES.	PREPS. FOR VERIFICATION STUDY U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCRD PARRIS ISLAND SC LANDFILL	BORROW PIT LANDFILL, SITE #2. –	MIGRATION IS LIKELY RECEPTORS INCLUDE: FISH, SHELLFISH, MAN & WILDLIFE (INCLUDING ENDANGERED SPECIES). TRASH, PAINT WASTE, THINNERS, STRIPPERS, CLEANING RAGS, SPENT ABSORBENT, SOLVENT, METAL SHAVINGS, PCB CONTAMINATED OIL + MERCURY AMALGAM.	PREPS FOR VERIFICATION STUDY WERE U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCRD PARRIS ISLAND SC LANDFILL	CAUSEWAY LANDFILL, SITE #3. 10 ACRES	LIKELIHOOD EXISTS. RECEPTORS WOULD INCLUDE: FISH, SHELLFISH, WILDLIFE & MAN. NOT SPECIFIED.	PREPS FOR VERIFICATION STUDY WERE U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS MEMPHIS TN LANDFILL	SOUTH SIDE LANDFILL, SITE #2. 40 ACRES	NO THREAT IDENTIFIED. POL, POL SLUDGE + WASTE WATER TREATMENT PLANT SLUDGE.	NO FURTHER ACTION RECOM'D AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS CORPUS CHRISTI TX	DRMO LANDFILL, SITE #1.	PRESENTS A HAZARD TO MARINE LIFE.	LONG-TERM MONITORING TO BE CONDUCTED AS OF JUN. '88.	NO SIGNIFICANT CONTAMINATION FOUND/NOT OBSERVED.	NOT SIGNIFICANT
LANDFILL	_	ORGANIC SOLVENTS, PLATING WASTE, SULFURIC + HYDROCHLORIC ACIDS, PAINT REMOVERS, AND THINNERS.			
NAS DALLAS TX	RUBBLE LANDFILL, SITE #4. 4 ACRES	AREA IS NOT CONDUCIVE TO CONTAMINATION.	NO FURTHER STUDY IS RECOM'D, AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		INERT MATERIAL MOSTLY, BUT QUANTITIES OF WASTE OIL MAY BE PRESENT ALSO			
NAS KINGSVILLE TX	SEWAGE TREATMENT PLANT LANDFILL, SITE #1. 5 ACRES	AQUIFER CONTAMINATION IS POSSIBLE. FLORA + FAUNA COULD BE AFFECTED VIA SURFACE RUNOFF + GROUNDWATER.	RECOM'D FOR SI, AS OF JUN '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		POL, AND SOLVENTS.			

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS KINGSVILLE TX	TRANSPORTATION MOTOR POOL (LANDFILL), SITE #3.	POSSIBILITY OF CONTAMINATION OF AQUIFER EXISTS.	RECOM'D FOR SI, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	—	POL, SOLVENTS, PESTICIDES, AND LIQUID INDUSTRIAL WASTES.			
NAS KINGSVILLE TX	LANDFILL, SITE #8. 15 ACRES	POSSIBILITY OF CONTAMINATION OF AQUIFER AND OFF-BASE MIGRATION VIA *SURFACE RUNOFF*.	RECOM'D FOR SI, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		LIQUID INDUSTRIAL WASTES, PAINT, SLUDGES, SOLVENTS.			
NAS JACKSONVILLE FL	RADIOACTIVE WASTE FILL AREA, SITE #18.	POTENTIAL EXISTS FOR SURFACE AND GROUNDWATER CONTAMINATION.	NO FURTHER ACTION RECOM'D, AS OF JUL. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
FILL	1500 CU. YDS	RADIUM PAINT RESIDUE.			

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS JACKSONVILLE FL BURIAL	TRANSFORMER BURIAL AREA, SITE #39.	CONTAMINATION OF GROUNDWATER IS POSSIBLE. ELECTRICAL GEAR, TRANSFORMERS, AND POSSIBLY PCB'S.	RI/FS RECOM'D, AS OF JUL. '88.	NOT OBSERVED/ NOT OBSERVED	YES
NAS JACKSONVILLE FL FILL	OLD OIL POND AND LAND SPREADING AREA, SITE #43.	LOW POTENTIAL EXISTS FOR CONTAMINATION OF SURFACE WATER. FUEL OIL CONTAMINATED WATER, GARBAGE, WOOD, JP-5 MIXED W/TETRAETHYL LEAD SLUDGE.	NO FURTHER ACTION RECOM'D, AS OF JUL. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCLB ALBANY GA PIT	SMALL BORE AND PISTOL RANGE, SITE #11.	LOW LEVELS OF LEAD & CHROMIUM DETECTED IN SOIL. ORDNANCE, EXPLOSIVES, SOLVENTS, AND SOIL STERILANTS.	ADDITIONAL INVESTIGATION PLANNED, AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
CBC GULFPORT MS	DISASTER RECOVERY DISPOSAL AREA, SITE #1.	SURFACE WATER CONTAMINATION VIA GROUNDWATER IS POSSIBLE.	RI/FS WAS SCHEDULED, AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
BURIAL	9 ACRES	PAINTS, OILS, SOLVENTS, PAINT STRIPPERS AND CLEANING COMPOUNDS. THE PAINTS MAY CONTAIN: CADMIUM, CHROMIUM, AND LEAD.			
NWIRP BRISTOL TN	PLATING WASTE DISPOSAL PIT, SITE #4.	CONTAMINANTS COULD ENTER SURFACE WATER POSING THREAT TO MAN + ANIMALS.	RECOM'D FOR RI/FS, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
PIT	8'x 50'x 3' DEEP	SPENT ELECTROLESS NICKEL SOLUTION, ALKALINE CLEANING WASTE,+ SULFURIC ACID ANODIZING WASTE.			
NWIRP DALLAS TX	INDUSTRIAL SLUDGE DRUM BURIAL SITE, SITE #8.	–	INSTALLATION OF MONITORING WELLS RECOM'D, AS OF AUG. '88. VERIFICATION STEP WAS COMPLETED.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
BURIAL	–	–			

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NWIRP DALLAS TX	FORMER CRUSHED DRUM AND FIRE-BRICK BURIAL SITE, SITE #9.	IT IS POSSIBLE CYANIDE COULD HAVE LEACHED TO SURFACE WATER.	NO FURTHER ACTION RECOM'D, AS OF AUG. '88. VERIFICATION STEP WAS COMPLETED.	POSSIBLE/ NOT OBSERVED	NOT OBSERVED
BURIAL	-	FIREBRICKS CONTAINING CYANIDE SALT, AND CYANIDE SLUDGE.			

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCLB ALBANY GA	EAST DISPOSAL AREA, SITE #1.	POSSIBLE CONTAM'- ATION OF POTABLE AND SURFACE WATER.	AS OF 14 MAR 91 PA (C) SI (C) RF (U)	YES/ ?	YES
LANDFILL	1 ACRE	SOLID WASTE, SOLVENTS, PAINTS, AND THINNERS.	HRS 44.65		
NAS JACKSONVILLE FL	SHORELINE FILL, SITE #5. 200' X 600'	POTENTIAL SURFACE AND GROUNDWATER CONTAMINATION.	AS OF 17 OCT 90 PA (C) SI (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		PAINT SHAVINGS, REMOVER, SOLVENTS, AND RADIOACTIVE PAINT.	HRS 32.08		
NAS CECIL FIELD FL	OLD LANDFILL, SITE #1.	POTENTIAL CONTAMIN- ATION OF GRND. WTR. ALSO POSSIBLE	AS OF 14 MAR 91 PA (C) SI (U)	NOT OBSERVED/ NOT OBSERVED	POTENTIAL.
LANDFILL	9 ACRES	AFFECT TO WILDLIFE. FUEL,OIL,SOLVENTS, AND PAINT THINNERS.	HRS 31.99		
NAS CECIL FIELD FL	RECENT LANDFILL, SITE #2. 5 ACRES	POTENTIAL CONTAMIN- ATION OF GROUND WATER,POSSIBLE AFFECT TO WILDLIFE. FUEL,OIL,SOLVENTS,	AS OF 14 MAR 91 PA (C) SI (U) HRS 31.99	NOT OBSERVED/ NOT OBSERVED	POTENTIAL.
LANDFILL		PAINTS,AND PAINT THINNERS.			

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS JACKSONVILLE FL LANDFILL	OLD BASE LANDFILL, SITE #32. 2 ACRES	POSSIBILITY EXISTS FOR MIGRATION OF CONTAMINANTS TO GROUNDWATER. HOUSEHOLD REFUSE, (PRESENTLY '88 USED AS A TEMP. STORAGE AREA FOR HAZARDOUS WASTE).	NO FURTHER ACTION RECM'D, AS OF JUL '88.	NOT OBSERVED/ NOT OBSERVED	POSSIBILITY
NAS KEY WEST FL LANDFILL	NORTH FLEMING KEY LANDFILL, SITE #7. 30 ACRES	POSSIBLE SAFETY HAZARD TO WORKERS FROM METHANE GAS BUILDUP AND POSSIBLE EXPLOSION HAZARD. REFUSE CONTAMINATED WITH HAZARDOUS WASTE, PESTICIDES, AND POL'S.	QUARTERLY SAMPLING FOR ONE YEAR RECOM'D, AS OF JUN '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS KEY WEST FL LANDFILL	SOUTH FLEMING KEY LANDFILL, SITE #8. 45 ACRES	POTENTIAL FOR SURFACE AND GRD.WTR CONTAMINATION; HIGH POTENTIAL VIA SURFACE WATER OF HUMAN IMPACT VIA BOATING AND FISHING POL'S, PAINTS, AND SOLVENTS.	QUARTERLY SAMPLING FOR ONE YEAR RECOM'D, AS OF JUN '88.	NOT OBSREVED/ NOT OBSERVED	POTENTIAL

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVSTA MAYPORT FL LANDFILL	LANDFILL A, SITE #1. 4 ACRES	POTENTIAL AFFECT ON AQUATIC LIFE. WASTE OILS, HEAVY METALS, ASBESTOS, PAINT, SOLVENTS, LUBRICANTS, PESTICIDES, AND SANITARY GARBAGE.	RI/FS WAS EXPECTED TO BEGIN IN SEP 1989, AS OF JUL 1988.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVSTA MAYPORT FL LANDFILL	LANDFILL B, SITE #2. 2 ACRES	COULD AFFECT SEA-FOOD AND HUMANS AS A RESULT OF EATING SAME. WASTE OILS, HEAVY METALS, ASBESTOS, PAINT, SOLVENTS, LUBRICANTS, PESTICIDES, AND SANITARY GARBAGE.	RI/FS EXPECTED TO BEGIN IN SEP 89, AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVSTA MAYPORT FL LANDFILL	LANDFILL D, SITE #4. 3 ACRES	POTENTIAL RECEPTORS INCLUDE SURFACE VEGETATION OR AQUATIC VEGETATION AND ANIMALS. WASTE OILS, HEAVY METALS, ASBESTOS, PAINTS, LUBRICANTS, ACIDS, PESTICIDES, AND SANITARY WASTES	RI/FS EXPECTED TO BEGIN SEP 89 AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVSTA MAYPORT FL LANDFILL	LANDFILL E, SITE #5. 11 ACRES	PRIMARY RECEPTORS WOULD BE AQUATIC LIFE; SECONDARY, MAN AND ANIMALS EATING AFFECTED LIFE. ASBESTOS, PAINTS, WASTE OIL, HEAVY METALS, ACIDS, LUBRICANTS, PLATING SOLUTIONS, PESTICIDES, TOLUENE, TRANSMISSION FLUIDS, PHOTOPROCESSING WASTES, PERCHLOROETHYLENE, METHYLENE CHLORIDE, AND SANITARY WASTES.	RI/FS WAS EXPECTED TO BEGIN SEP 89, AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVSTA MAYPORT FL LANDFILL	LANDFILL F, SITE #6. 24 ACRES	AQUATIC LIFE COULD BE AFFECTED, ALSO INGESTORS OF SAID LIFE. WASTE OIL, HEAVY METALS, ASBESTOS, PAINT, LUBRICANTS, SOLVENTS, ACIDS, PLATING SOLUTIONS, PESTICIDES, AND SANITARY WASTES.	RI/FS WAS EXPECTED TO BEGIN SEP 89, AS OF JUL 88.	MIGRATION MAY HAVE OCCURRED.	POSSIBLY HAS OCCURRED.

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS WHITING FLD MILTON FL LANDFILL	SANITARY LANDFILL, SITE #13. 4 ACRES	SURFACE WATER COULD BE AFFECTED. MAY HAVE FOLLOWING ITEMS IN THE FILL: WASTE SOLVENTS, AND PAINT STRIPPING RESIDUE.	RI/FS WAS TO BEGIN SEP 88, AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS WHITING FLD MILTON FL LANDFILL	SHORT-TERM SANITARY LANDFILL, SITE #14. 2.5 ACRES	COULD CONTAMINATE SURFACE WATERS. WASTE SOLVENT AND PAINT STRIPPING RESIDUE.	RI/FS SCHED. SEP. 88, AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS WHITING FLD MILTON FL LANDFILL	SOUTHWEST LANDFILL, SITE #15. 15 ACRES	COULD CONTAMINATE SURFACE WATERS. GENERAL REFUSE, PAINT, PAINT THINNER, SOLVENTS, WASTE OIL, HYDRAULIC FLUID, BAGGED ASBESTOS, AND TRANSFORMER OIL (PCB'S ?).	RI/FS SCHED. TO BEGIN SEP 88, AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NTC ORLANDO FL LANDFILL	NORTH FIELD GRINDER LANDFILL, SITE #1. 15 ACRES	POTENTIAL EXISTS FOR GROUND WATER CONTAMINATION. PHOTOGRAPHIC CHEMICALS, PAINT THINNER, FILM, PERCHLOROETHYLENE, CONSTRUCTION MATERIALS, BIOLOGICAL WASTES AND SYRINGES, PLASTIC, AND REFUSE.	RI/FS WAS TO START IN JAN 89, AS OF JUL 88.	MAY BE TRACES/ MAY BE TRACES	MAY BE SLIGHTLY CONTAMINATED.
NTC ORLANDO FL LANDFILL	McCOY ANNEX LANDFILL, SITE #3. 99 ACRES	COULD CONTAMINATE SURFACE WATERS. PAINT AND PAINT THINNER, ASBESTOS, TRANSFORMERS (PCB'S ?), LOW LEVEL RADIOLOGICAL WASTES, AUTO BATTERIES, SCRAP METAL AND PIPE, PLASTIC, AND POSSIBLY WASTE OIL.	RI/FS WAS TO START IN JAN 89, AS OF JUL 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVCOASTSYSCEN PANAMA CITY FL LANDFILL	BURN AND LANDFILL AREA, SITE #2. 11 ACRES	POSSIBLE AFFECTS ON WILDLIFE. LEAD PAINT IN CANS, GENERAL REFUSE, TIRES, CRATES, DRUMS, PAINT THINNERS, OILS, SOLVENTS, MINERAL SPIRITS, ALCOHOL, HYDRAULIC FLUID, BILGE WATER, GASOLINE, AND TRANSFORMER OIL (PCB'S ?).	AS OF 21 OCT 90 PA (C) SI (C) RF (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVCOASTSYSCEN PANAMA CITY FL LANDFILL	BURN AND DISPOSAL AREA, SITE #6. 150' X 50' X 12' DEEP	POSSIBLE AFFECTS TO AQUATIC LIFE. HOUSEHOLD GARBAGE, SCRAP LUMBER AND METAL, PAINT AND PAINT THINNER, SOLVENTS, WASTE OIL (PCB'S ?), AND BILGE WATER.	AS OF 21 OCT 90 PA (C) SI (C) RF (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS PENSACOLA FL LANDFILL	SANITARY LANDFILL, SITE #1.	DISCERNIBLE CONTAMINATION OF SURFACE WATERS, ALSO ENDANGERED PLANT SPECIES ARE IN AREA. AMMONIA, PHENOL, CYANIDE, SOLID WASTES, PAINT AND PLATING WASTE, WASTE WATERS WITH PESTICIDES, PCB - CONTAMINATED RAGS AND EQUIPMENT, AND ASBESTOS.	RI/FS IS ANTICIPATED IN OCT 88, AS OF AUG 88.	OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
MCLB ALBANY GA LANDFILL	LONG-TERM LANDFILL, SITE #3. 38 ACRES	POTENTIAL EXISTS FOR SURFACE WATER CONTAMINATION, COULD IMPACT WILDLIFE. DDT, AND TRANSFORMERS (PCB'S ?).	AS OF 14 MAR 91 PA (C) SI (C) RF (U) HRS 44.65	NOT OBSERVED/ NOT OBSERVED	OBSERVED
MCLB ALBANY GA LANDFILL	WEST DISPOSAL AREA, SITE #5. 7 ACRES	POTENTIAL EXISTS FOR SURFACE WATER CONTAMINATION, COULD AFFECT POTABLE WATER AND WILDLIFE. SOLVENTS, PAINTS, THINNERS, STRIPPERS, AND PLATING SLUDGES.	AS OF 14 MAR 91 PA (C) SI (C) RF (U) HRS 44.65	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVSUPPACT NEW ORLEANS LA LANDFILL	LANDFILL AT BLDG. 704, SITE #9. 7,000 SQ.FT.	POTENTIAL THREAT TO LIFE DURING ANY FUTURE EXCAVATIONS, COULD AFFECT GROUND, SURFACE, AND POTABLE WATERS; ALSO AQUATIC LIFE. HAZARDOUS WASTE, AND PESTICIDES.	RECOM'D QUARTERLY SAMPLING, AS OF JUN 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
CBC GULFPORT MS LANDFILL	WORLD WAR II LANDFILL, SITE #2. 11 ACRES	COULD AFFECT AQUATIC LIFE, AND SURFACE WATER. PAINTS, THINNERS, SOLVENTS, OILS, AND FUELS.	RI/FS SCHED., AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
CBC GULFPORT MS LANDFILL	NORTHWEST LANDFILL/ BURNING PIT, SITE #3. 3.5 ACRES	SAME AS SITE #2 ABOVE. WASTE FUELS, OILS, SOLVENTS, TOLUENE, PAINTS, AND THINNERS.	AS OF 13 MAR 91 PA (C) SI (C) RF (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
CBC GULFPORT MS LANDFILL	GOLF COURSE LANDFILL, SITE #4. 4 ACRES	COULD AFFECT AQUATIC LIFE AND SURFACE WATER. GROUND WATER IS CONTAMINATED. FUELS, OILS, SOLVENTS, PAINTS, AND THINNERS.	RI/FS WAS APPARENTLY SCHED. TO BEGIN IN 88.	NOT OBSERVED/ NOT OBSERVED	OBSERVED
CBC GULFPORT MS LANDFILL	HEAVY EQUIPMENT TRAINING AREA LANDFILL, SITE #5. 8.5 ACRES	COULD AFFECT AQUATIC LIFE AND SURFACE WATER. DDT, FUELS, OILS, SOLVENTS, PAINTS, THINNERS, AND SOLID WASTES.	RI/FS WAS APPARENTLY SCHED. TO BEGIN IN AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS MERIDIAN MS LANDFILL	LAKE MARTHA LANDFILL AND METAL LANDFILL, SITE #3.	LEACHATE FROM EITHER LANDFILL COULD IMPACT GROUND AND SURFACE WATERS. PAINTS, OILS, AND SOLVENTS.	RECOM'D FOR SI, AS OF JUN 88.88	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS BEAUFORT SC LANDFILL	LAFRENE ROAD LANDFILL, SITE #2. 2 ACRES	COULD AFFECT AQUATIC LIFE, WILDLIFE, AND MAN. JET FUEL, WASTE OIL, HYDRAULIC FLUID, ANTIFREEZE, SOLVENTS, CLEANING RAGS, OIL CANS, THINNERS, STRIPPERS, PAINT BRUSHES AND ROLLERS, MERCURY AMALGAM, ASBESTOS BRAKES, AND STP SLUDGE.	RECOM'D FOR REMEDIAL INVESTIGATION, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NO
MCAS BEAUFORT SC LANDFILL	BORROW PIT LANDFILL, SITE #3. 0.4 ACRES	CONTAMINATION VIA MIGRATION IS LIKELY. POTENTIAL RECEPTORS INCLUDE FISH, SHELLFISH, WILDLIFE, AND MAN. CONTAMINATED JET FUEL, WASTE OILS, HYDRAULIC FLUIDS, ANTIFREEZE, SOLVENTS, PAINT THINNERS AND STRIPPERS, MERCURY AMALGAM, AND USED ASBESTOS BRAKES.	RECOM'D FOR REMEDIAL INVESTIGATION, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS BEAUFORT SC LANDFILL	INERT LANDFILL SEEPAGE TRENCHES, SITE #6. 9 ACRES	CONTAMINANT MIGRATION WOULD AFFECT AQUIFERS AND SURFACE WATERS. CONTAMINATED JET FUEL, WASTE OILS, HYDRAULIC FLUIDS, SOLVENTS, PAINT STRIPPERS AND THINNERS, AND GRIT & GREASE FROM SEWAGE TREATMENT PLANT.	NO FURTHER STUDY RECOM'D, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCAS BEAUFORT SC LANDFILL	KAVIENG STREET LANDFILL, SITE #8. 0.6 ACRES	POSSIBLE MARSHLAND CONTAMIN-ATION. POTENTIAL RECEPTORS INCLUDE: MAN, FISH, SHELL-FISH, AND WILDLIFE. JET FUEL, WASTE OILS, HYDRAULIC FLUIDS, ANTIFREEZE, SOLVENTS, PAINT STRIPPERS AND THINNERS, MERCURY AMALGAM, AND ASBESTOS BRAKE SHOES.	RECOM'D FOR FURTHER STUDY, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS BEAUFORT SC LANDFILL	INERT LANDFILL, SITE #14. 20 ACRES	AS OF AUG 88, NO PRIORITY POLLUTANTS DETECTED ABOVE ACTION LEVELS. WASTES INCLUDE: OIL CANS & FILTERS, CLEANING RAGS, MERCURY AMALGAM, AND STP SLUDGE.	NO FURTHER STUDY RECOM'D, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NSY CHARLESTON SC LANDFILL	BASE SANITARY LANDFILL, SITE #1.	POSSIBILITY OF SLOW MIGRATION OF LEACHATES TO SURFACE WATERS. ASBESTOS, ACIDS, PCB'S, SOLVENTS, POL, PAINTS, INDUSTRIAL SLUDGE, AND LIQUID WASTE.	SITE HAS COMPLETED RI/FS. NO FURTHER ACTION RECOM'D, AS OF JUN 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

PACDIV SITES

LANDFILLS - 19

BURIALS - 1

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS AGANA GQ	SANITARY LANDFILL - NAS AGANA, SITE #1. 250'X 500'	CONTAMINANTS COULD HAVE MIGRATED TO THE WATER TABLE, POSING A THREAT TO POTABLE WATER.	AS OF 6 MAR 91 PA (C) SI (U) HRS 33.60	NOT OBSERVED/ NOT OBSERVED	POTENTIAL
LANDFILL		BATTERIES, PAINT, ASBESTOS, AND ORGANIC SOLVENTS.			
NAVMAG GUAM GQ	NAVMAG - ORDNANCE PUBLICATION BUILDING #4 DISPOSAL SITE, SITE #7.	NO KNOWN IMPACT TO HUMAN HEALTH OR ENVIRONMENT.	AS OF 11 FEB 91 PA (C) SI (U) HRS 21.30	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	29,000 LBS. DEPOSITED	LUMBER AND METAL.			
NAVSTA GUAM GQ	OROTE WASTE BURNING/DISPOSAL AREA, SITE #1.	POTENTIAL HUMAN HEALTH THREAT VIA DIRECT CONTACT.	AS OF 6 MAR 91 PA (C) SI (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	LOW POTENTIAL
LANDFILL	5 ACRES	ASBESTOS, PAINT, PCP, THINNERS, AND BATTERY ACID.			

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVSTA GUAM GQ LANDFILL	NIMITZ HILL BORROW PIT, SITE #12. –	MINIMAL THREAT DUE TO NON HAZARDOUS WASTES DEPOSITED. WAR AND TYPHOON CLEANUP DEBRIS, AND CONSTRUCTION + MUNICIPAL WASTE.	NO FURTHER ACTION WAS ANTICIPATED, AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	MINIMAL POTENTIAL
PWC GUAM GQ LANDFILL	SOUTH FINEGAYAN CONSTRUCTION BATTALION LANDFILL, SITE #10. 4.5 ACRES	MINIMAL THREAT. ONLY SMALL QUANTITIES OF HAZARDOUS WASTES.	WORKPLAN FOR SITE INVESTIGATION BEING PREPARED, AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
PWC GUAM GQ LANDFILL	PWC LANDFILL, SITE #15. –	LEACHATE CONTAINS HIGH LEVELS OF: NITROGEN, IRON, AND MERCURY. WASTE OILS, SOLVENTS, PAINTS, ASBESTOS, AND POSSIBLY MERCURY.	AS OF 6 MAR 91 PA (C) SI (U) HRS 22.90	YES/HIGH LEVELS	NOT OBSERVED

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVCAMS WESTPAC GQ LANDFILL	WESTPAC FINEGAYAN LANDFILL 1, SITE #8. 3 ACRES	POTENTIAL POTABLE WTR. CONTAMINATION. SOLVENTS + MAINTENANCE ACTIVITIES WASTES.	AS OF 6 MAR 91 PA (C) SI (C) HRS 25.60	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
NAVCAMS WESTPAC GQ LANDFILL	WESTPAC FINEGAYAN LANDFILL 2, SITE #9. —	POTENTIAL POTABLE WTR. CONTAMINATION. WASTE OILS, CLEANING SOLVENTS, AND PCB DIELECTRIC FLUID.	AS OF 6 MAR 91 PA (C) SI (C) HRS 25.60	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
NAVCAMS WESTPAC GQ LANDFILL	RTF BARRIGADA BLDG. 50 LANDFILL, SITE #12. 0.5 ACRES	MINIMAL THREAT WASTE OILS.	NO FURTHER ACTION ANTICIPATED, AS OF AUG '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVCAMS WESTPAC GQ LANDFILL	RTF BARRI- GADA METALS LANDFILL, SITE #15. 900' DIA.	MINIMAL THREAT. SMALL QUANTITIES OF: WASTE OILS, SOLVENTS, AND ASBESTOS.	AS OF 6 MAR 91 PA (C) SI (U) HRS 25.60	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS BARBERS POINT HI LANDFILL	SANITARY LANDFILL, SITE #3. 120,000 TONS OF REFUSE.	DOES NOT POSE A POTENTIAL THREAT. BAGGED ASBESTOS AND PESTICIDE RINSEATE.	NO FURTHER ACTION ANTICIP- ATED, AS OF JUL. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVCAMS EASTPAC HONOLULU HI LANDFILL	OLD WAHIAWA LANDFILL, SITE #1. 200'x 600'	LEACHATE COULD MIGRATE, MINIMAL THREAT TO SURFACE WATER. WASTE LUBE OIL, SOLVENTS, TRANSFOR- MER OIL, HYDRAULIC FLUID, AND PAINT THINNERS.	AS OF 6 MAR 91 PA (C) SI (U) HRS 12.30	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVCAMS EASTPAC HONOLULU HI LANDFILL	BUILDING 6 DISPOSAL AREA, SITE #5. 6,000 GAL.	LEACHATE COULD MIGRATE TO A GULCH, NO RECEPTORS EXIST BEYOND GULCH. WASTE OILS, AND SOLVENTS.	AS OF 6 MAR 91 PA (C) SI (U) HRS 12.30	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCAS KANEOHE BAY HI LANDFILL	H-3 LANDFILL SITE #1.	POSES NO THREAT TO HUMANS OR ENVIRONMENT. LEAD BATTERIES, MERCURY, SODIUM FLUORIDE, CALCIUM HYPOCHLORITE, PAINTS, THINNERS, SOLVENTS, WASTE FUELS, POL'S, OILS, TEAR GAS, PAINT CANS, GLASS BEADS, AND PCP.	NO FURTHER ACTION ANTICIPATED. (SI WAS COMPLETED, NO SIGNIFICANT CONTAMINATION FOUND), AS OF JUL. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCAS KANEOHE BAY HI LANDFILL	QUARRY PIT LANDFILL, SITE #2.	CONTAMINANTS ARE PROBABLY IN CONTACT WITH GROUNDWATER, GRNDWTR IS UNUSABLE (BRACKISH), THREAT POSED TO SURFACE WTR AND AN ENDANGERED SPECIES. LEAD BATTERIES, MERCURY, SOLVENTS, WASTE POL'S, OILS, THINNERS, PAINTS, AND PCP.	AS OF 22 OCT 90 PA (C) SI (C) HRS 8.90	NOT OBSERVED/ NOT OBSERVED	PROBABLY

INSTALLATION NAME SOUTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVMAG LUALUALEI HI LANDFILL	THE FOURTH STREET CORAL PIT LANDFILL AT WEST LOCH BRANCH, SITE #3. 900'x 180'	MINIMAL THREAT. SOLVENT CANS, PAINT SLUDGES, PAINT CANS, EMPTY TRANSFORMERS, AND ACID-FILLED CAR BATTERIES.	AS OF 6 MAR 91 PA (C) SI (U) HRS 13.70	NOT OBSERVED/ NOT OBSERVED	MINIMAL THREAT, (ADDITIONALLY, GROUNDWATER IS NOT POTABLE).
PWC PEARL HARBOR HI LANDFILL	PEARL CITY PENINSULA LANDFILL, SITE #4.	CONTAMINATED SURFACE RUNOFF POSES A THREAT TO BIRDS AND AN ENDANGERED SPECIES. ASBESTOS, SEWAGE SLUDGE, PAINT, PAINT REMOVERS, THINNERS, SOLVENTS, SOLVENT-SOAKED RAGS, OIL, DIAZINON, CORROSIVES, METAL RESIDUE FROM ORDNANCE BURNING, CAUSTIC CLEANERS, VARNISH, PHOTO DEVELOPER, GASOLINE, FUEL, KEROSENE, BRAKE FLUID, PROPANOL, PCB'S, AND MALATHION.	SITE INVESTIGATION U/W AND ADDITIONAL SAMPLES WILL BE TAKEN, AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAF MIDWAY ISLAND MQ	RUNWAY LANDFILL, SITE #2.	CONTAMINANTS COULD AFFECT SURFACE AND GROUNDWATERS (POTABLE WATER WELLS).	AS OF 6 MAR 91 PA (C) SI (U) HRS 15.90	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	–	UNKNOWN MATERIALS.			
NAVMAG GUAM GQ	NAVMAG-TEAR GAS BURIAL SITE, SITE #5.	MINIMAL THREAT.	AS OF 11 FEB 91 PA (C) SI (U) HRS 21.30	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
BURIAL	350 LBS. OF CONTAINER-IZED TEAR GAS.	CONTAINERIZED TEAR GAS.			

INSTALLATION NAME PACDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVCAMS WESTPAC GQ	RTF BARRIGADA (EIGTH HOLE)	MINIMAL THREAT.	AS OF 6 MAR 91 PA (C) SI (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	GOLF COURSE LANDFILL, SITE #14. 400' DIA.	MOTOR POOL WASTE OIL.	HRS 25.60		

CHESDIV SITES

LANDFILLS - 9

BURIALS - 4

PITS - 1

INSTALLATION NAME CHESDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVORDSTA INDIAN HEAD MD LANDFILL	TOWN GUT LANDFILL, SITE #12. 3 ACRES	COULD AFFECT AQUATIC SPECIES. WASTES INCLUDE: ETHYL ALCOHOL, ESTERS, ZINC, ARSENIC, PHENOLS, BENZENE, TOLUENE, XYLENE, LEAD, IRON, CHROMIUM, AND TETRACHLOROETHYLENE	AS OF 24 OCT 90 PA (C) SI (C) HRS 8.10	LEACHATE FROM THE SITE IS DISCHARG- TO A STREAM WHICH ENTERS MATTAWOMAN CREEK. / NOT OBSERVED	NOT OBSERVED
NAS PATUXENT RIVER MD LANDFILL	FISHING POINT LANDFILL, SITE #1. 10 ACRES	POSSIBLE SEAFOOD CONTAMINATION. WASTES INCLUDE: PETROLEUM, OILS, PAINTS, SOLVENTS, THINNERS, PESTICIDES PHOTO LAB WASTES, BURN RESIDUES, AND MIXED SOLID WASTES.	AS OF 24 MAR 91 PA (C) SI (C) HRS 17.29	OBSERVED/ NOT OBSERVED	YES
NAS PATUXENT RIVER MD LANDFILL	HERMANVILLE DISPOSAL SITE, SITE #4. 4 ACRES	POTENTIAL SURFACE AND GROUND WATER CONTAMINATION. WASTES INCLUDE: PETROLEUM, OILS, PAINTS, SOLVENTS, THINNERS, PESTICIDES, PHOTO LAB WASTES, MIXED DEBRIS AND ASBESTOS.	AS OF 24 MAR 91 PA (C) SI (C) HRS 15.07	OBSERVED/ NOT OBSERVED	YES

INSTALLATION NAME CHESIDV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS PATUXENT RIVER MD	FORMER SANITARY LANDFILL, SITE #11.	GROUND AND SURFACE WATER ARE CONTAMINATED.	AS OF 24 MAR 91 PA (C) SI (C) HRS 13.69	OBSERVED/ NOT OBSERVED	YES
LANDFILL	3 ACRES	WASTES INCLUDE: OIL-CONTAMINATED SOILS, POL WASTES, PAINTS, SOLVENTS, THINNERS, PHOTO LAB CHEMICALS, AND PESTICIDES.			
NAVSURFWPNCEN WHITE OAK MD	APPLE ORCHARD LANDFILL, SITE #2.	THREAT OF HUMAN CONTACT WITH RESIDUAL PCB'S.	AS OF 19 JUL 90 PA (C) SI (C) HRS 12.70	OBSERVED / NOT OBSERVED	YES
LANDFILL	0.8 ACRES	WASTES: PCB CONTAMINATED WASTE OIL, SOLVENTS, PAINT RESIDUE, AND MISC. CHEMICALS.			

INSTALLATION NAME CHESDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVSURFWPNCEN WHITE OAK MD LANDFILL	PISTOL RANGE LANDFILL, SITE #3. 0.9 ACRES	POTENTIAL CONTAMINATION OF GROUND & SURFACE WATER. WASTES: SOLVENTS, OILS AND SODIUM NITRATE.	AS OF 19 JUL 90 PA (C) SI (C) HRS 11.90	NOT OBSERVED/ NOT OBSERVED	POTENTIAL
NAVSURFWPNCEN DAHLGREN VA LANDFILL	OLD SANITARY LANDFILL (1400 AREA LANDFILL), SITE #17.	NONE. WASTE: MUNICIPAL WASTE.	AS OF 19 JUL 90 PA (C) SI (C) RF (U) HRS 29.46	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCDEC QUANTICO VA LANDFILL	OLD LANDFILL, SITE #4. 8 ACRES	AQUATIC SPECIES IN POTOMAC RIVER COULD BE AFFECTED. PCB CONTAMINATION HAS BEEN NOTED IN THE SURFACE WATER ADJACENT TO SITE. PAINT, PAINT THINNER, AND PCB'S.	AS OF 17 MAR 91 PA (C) SI (C) RF (U) HRS 10.20	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME CHESDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCDEC QUANTICO VA	RECENTLY CLOSED LANDFILL, SITE #7.	WILDLIFE COULD BE BE AFFECTED BY CONTAMINANTS.	AS OF 17 MAR 91 PA (C) SI (C) RF (U)	OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	28 ACRES	WASTE PAINT, PAINT THINNER, AND CLEANERS.	HRS 10.90		
NAS PATUXENT RIVER MD	DISPOSAL PIT NEAR POND 1, SITE #2.	POTENTIAL CONTAMINATION OF FISH. (PCB)	RI U/W AS OF AUG. '88. PA (C) SI (C)	OBSERVED/ NOT OBSERVED	NOT OBSERVED
PIT	–	CONSTRUCTION DEBRIS MISC. STATION WASTES, AND VARIOUS OILS.	RF (U) HRS 10.71		
NAVSURFWPNCEN WHITE OAK MD	CHEMICAL BURIAL SITE, SITE #4. 1.1 ACRES	POSSIBLE OFF-SITE MIGRATION OF CONTAMINANTS.	AS OF 19 JUL 90 PA (C) SI (C) HRS 13.11	NOT OBSERVED/ NOT OBSERVED	SOME CONTAMINATION MAY HAVE OCCURRED.
BURIAL		ACIDS, EXPLOSIVE COMPOUNDS, KEROSENE, CHLORINATED SOLVENTS AND MISC. LAB. CHEMICALS.			

INSTALLATION NAME CHESDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCDEC QUANTICO VA BURIAL	PESTICIDE BURIAL AREA, SITE #1. –	POTENTIAL EXISTS FOR GROUND WATER CONTAMINATION. LIQUID AND SOLID PESTICIDES.	AS OF 17 MAR 91 PA (C) SI (C) RF (U) HRS 20.00	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVSURFWPNCEN DAHLGREN VA BURIAL	FENCED ORDNANCE BURIAL AREA, SITE #2. –	POTENTIAL FOR SOIL CONTAMINATION AND DIRECT CONTACT WITH RADIOACTIVE WASTES. METAL ORDNANCE MATERIALS CONTAINING: THORIUM-MAGNESIUM	RI/FS PLANNED AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVMEDCOM NATCAPREG BETHESDA MD BURIAL	ASBESTOS BURIAL AREA, SITE #3. 50'X 200'	NO ALLEGED THREATS. 250 CF OF ASBESTOS.	NO FURTHER ACTION IS RECOMMENDED. AS OF 24 MAR 91 HRS 10.80	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

LANTDIV SITES

LANDFILLS - 36

BURIALS - 2

PITS - 1

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NTC BAINBRIDGE MD	BASE LANDFILL, SITE #1.	POTENTIAL GROUND WATER CONTAMINATION WHICH MAY AFFECT POTABLE WATER & POTENTIAL DIRECT CONTACT.	SI WAS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
LANDFILL		PESTICIDES AND ASBESTOS.			
MCAS CHERRY POINT NC	BORROW PIT/ LANDFILL, SITE #1. (ALSO A SITE #1 APPEARS ON LANTDIV PAGE 3). 4 ACRES	POTENTIAL CONTAMINATION OF A RECREATIONAL AND FISHING CREEK.	RI/FS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
LANDFILL		UNKNOWN CHEMICAL AND INDUSTRIAL WASTES.			
MCAS CHERRY POINT NC	BORROW PIT/ LANDFILL NORTH OF RUNWAY 14, SITE #4.	POTENTIAL CONTAMINATION OF A RECREATION AND FISHING CREEK.	RI/FS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
LANDFILL	20 ACRES	SOLVENTS, ACIDS, AND HEAVY METALS.			

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS CHERRY POINT NC LANDFILL	OLD SANITARY LANDFILL, SITE #10. 40 ACRES	POTENTIAL CONTAMINATION OF A FISHING & RECREATION LAKE. POL, SOLVENTS, AND SLUDGES.	RI/FS UW AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
MCAS CHERRY POINT NC LANDFILL	LANDFILL AT SANDY BRANCH, SITE #16. 11 ACRES	POTENTIAL CONTAMINATION OF A FISHING & RECREATION LAKE. OIL, POTASSIUM CYANIDE, AND OTHER WASTES.	RI WAS CONTINUING AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
MCAS CHERRY POINT NC LANDFILL	BORROW PIT/ LANDFILL, SITE #19. –	POTENTIAL CONTAMINATION OF A FISHING AND RECREATION CREEK. FLY ASH, ASBESTOS, SOLVENTS, ACIDS, AND HEAVY METALS.	RI/FS U/W AS OF AUG. '88	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
MCAS CHERRY POINT NC LANDFILL	BORROW PIT/ LANDFILL, SITE #21. –	POTENTIAL FISHING & RECREATION CREEK CONTAMINATION. FLY ASH, ASBESTOS, SOLVENTS, ACIDS, AND HEAVY METALS.	RI/FS U/W AS OF AUG. '88	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS CHERRY POINT NC	BORROW PIT/ LANDFILL, SITE #1.	POTENTIAL FISHING AND RECREATION CREEK CONTAMINATION	RI/FS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
LANDFILL	4 ACRES (ALSO A SITE #1 APPEARS ON LANTDIV PAGE 1).	FLY ASH, ASBESTOS, SOLVENTS, ACIDS, AND HEAVY METALS.			
NAVSTA ROOSEVELT ROADS RQ	LANGLEY DRIVE DISPOSAL SITE, SITE #6.	COULD CONTAMINATE SEAFOOD AND AFFECT THE HABITAT AND FOOD CHAIN OF SEVERAL ENDANGERED SPECIES.	RI/FS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	–	UNIDENTIFIED HAZARDOUS MATERIALS			
NAVSTA ROOSEVELT ROADS RQ	STATION LANDFILL, SITE #7.	COULD CONTAMINATE SEAFOOD AND AFFECT THE HABITAT AND FOOD CHAIN OF SEVERAL ENDANGERED SPECIES.	RI/FS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	–	PCB'S, PAINTS, SOLVENTS, FUELS, PESTICIDES, WASTE OILS, AND ASBESTOS.			

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
FLECOMBATTRACENLANT DAM NECK VA LANDFILL	REGULUS AREA LANDFILL, SITE #1. 10 ACRES	POTENTIAL EXISTS FOR THE CONTAMINATION OF LAKE TECUMSEH AND THE FISHING & BOATING ON THE LAKE. INORGANICS, SOLVENTS, PESTICIDES, HEAVY METALS, ACIDS, BASES, AND PCB'S.	AS OF 10 OCT 90 PA (C) SI (C) RF (U) HRS 17.18	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVRADSTA DRIVER VA LANDFILL	LANDFILL NEAR OYSTER HOUSE CREEK, SITE #1.	GROUND WATER AND AQUATIC SPECIES COULD BE AFFECTED. SOLVENTS, PESTICIDES, ACIDS, AND BASES.	AS OF 6 MAR 91 PA (C) SI (C) RF (U) HRS 40.80	LEACHATE MAY BE PRESENT/NOT OBSERVED	MAY BE CONTAMINATED VIA LEACHING.
NALF FENTRESS VA (NAS OCEANA) LANDFILL	FENTRESS LANDFILL, SITE #14. 3 ACRES	POTENTIAL EXISTS FOR MARSH AND RIVERINE WILDLIFE TO BE RECEPTORS OF CONTAMINATION. MUNICIPAL WASTES, ASBESTOS, PCB'S, PESTICIDES, OIL, AND SOLVENTS.	AS OF 12 MAR 91 PA (C) SI (C) RF (U) HRS 22.95	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVPHIBASE LITTLE CREEK VA LANDFILL	AMPHIBIOUS BASE LANDFILL, SITE #7. 30 ACRES	POTENTIAL EXISTS FOR POTABLE WATER CONTAMINATION. OILS, SOLVENTS, PLATING WASTES, DEGREASERS, PESTICIDES, ACIDS, BASES, AND PCB'S.	AS OF 4 OCT 90 PA (C) SI (C) RF (U) HRS 31.31	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS
NAVPHIBASE LITTLE CREEK VA LANDFILL	DRIVING RANGE LANDFILL, SITE #9. –	POTENTIAL FOR AFFECTATION OF AQUATIC SPECIES. SOLID WASTE, INCINERATOR ASH, OILS, SOLVENTS, PLATING WASTES, DEGREASERS, PESTICIDES, ACIDS, BASES, AND PCB'S.	AS OF 4 OCT 90 PA (C) SI (C) RF (U) HRS 16.18	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVAL BASE NORFOLK VA LANDFILL	CAMP ALLEN LANDFILL, SITE #1. 45 ACRES	POTENTIAL EXISTS FOR NON-POTABLE WELLS CONTAMINATION METAL PLATING SLUDGES, PARTS CLEANING SLUDGES, PAINT STRIPPING RESIDUES, SOLVENTS, ACIDS, CAUSTICS, PAINTS, PAINT THINNERS, PESTICIDES AND ASBESTOS.	ADDITIONAL RI/FS ARE ANTICIPATED AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVAL BASE NORFOLK VA LANDFILL	CD LANDFILL, SITE #6. –	POSSIBILITY OF NON-POTABLE WELLS BEING CONTAMINATED. SANDBLASTING DUST (CADMIUM)	NO FURTHER ACTION RECOMMENDED AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POSSIBILITY
NAS OCEANA VA LANDFILL	NORTH STATION LANDFILL, SITE #8. 4 ACRES	CONTAMINANTS COULD AFFECT RECREATIONAL USERS AND WILDLIFE. SOLVENTS, PESTICIDES, ELECTRICAL CONDUCTORS, TRANSFORMERS, AND SANITARY, PHOTO LAB AND HOSPITAL WASTES	AS OF 12 MAR 91 PA (C) SI (C) RF (C) HRS 22.95	NOT OBSERVED/ NOT OBSERVED	POSSIBILITY
NSY (NORFOLK) PORTSMOUTH VA LANDFILL	SCOTT CENTER LANDFILL, SITE #2. –	DRAINAGE FROM SITE ENTERS PARADISE CREEK. BLAST GRIT, PAINT RESIDUES, SANITARY WASTES, SOLVENTS, INDUSTRIAL WASTES, & DREDGED MATERIALS	AS OF 13 MAR 91 PA (C) SI (C) RF (U) HRS 9.57	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NSY (NORFOLK) PORTSMOUTH VA LANDFILL	SANITARY LANDFILL, SITE #3. 70 ACRES SITES #4, 5, 6, AND 7 ARE ALSO LOCATED WITHIN THIS SITE.	CONTAMINANTS COULD MIGRATE TO WATER-WAYS. SALVAGE WASTE, SAND-BLAST GRIT, COAL FLY ASH, OIL FLY ASH, FLUE BOILER BOTTOM ASH, ASBESTOS, AND WASTE WATER TREATMENT SLUDGES.	AS OF 13 MAR 91 PA (C) SI (C) RF (U) HRS 13.10	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NSY (NORFOLK) PORTSMOUTH VA LANDFILL	1941 LANDFILL, SITE #8. –	CONTAMINANTS COULD MIGRATE TO SURFACE WATERS. SALVAGE WASTE, SANDBLAST GRIT, COAL FLY ASH, FLUE BOILER BOTTOM ASH, AND ASBESTOS.	SITE NOT INCLUDED IN RI/FS EFFORTS, APPARENTLY NO EVIDENCE OF SIGNIFICANT CONTAMINATION HAS BEEN FOUND IN THE PAST.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NSY (NORFOLK) PORTSMOUTH VA LANDFILL	1927 LANDFILL, SITE #10. –	CONTAMINANTS COULD MIGRATE TO WATER-WAYS. SALVAGE WASTE, SAND BLAST GRIT, COAL FLY ASH, OIL FLY ASH, FLUE BOILER BOTTOM ASH, AND ASBESTOS.	NO RI/FS EFFORTS WERE CONDUCTED.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA YORKTOWN VA	DUDLEY ROAD LANDFILL, SITE #1. 10 ACRES	CONTAMINANTS COULD AFFECT POTABLE WATER AND SEAFOOD.	AS OF 12 MAR 91 PA (C) SI (C) RF (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		ASBESTOS; EMPTY OIL, PAINT, AND SOLVENT CONTAINERS; EXPLOSIVE-CONTAMINATED CARBON, AND WASTE OIL.	HRS 19.30		
WPNSTA YORKTOWN VA	TURKEY ROAD LANDFILL, SITE #2. 5 ACRES	CONTAMINANTS COULD AFFECT A FISH NURSERY AREA.	AS OF 12 MAR 91 PA (C) SI (C) RF (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		MERCURY, ZINC CARBON BATTERIES, ELECTRICAL DEVICES, AND UNIDENTIFIED TANKS OR DRUMS.	HRS 17.20		

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA YORKTOWN VA LANDFILL	GROUP 16 MAGAZINES LANDFILL, SITE #3. 2 ACRES	CONTAMINANTS COULD AFFECT POTABLE WATER, SEAFOOD & FISH NURSERIES. SOLVENTS & SLUDGES FROM BOILING CLEANING & OIL & GREASE.	AS OF 12 MAR 91 PA (C) SI (C) RF (U) HRS 19.30	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
WPNSTA YORKTOWN VA LANDFILL	BURNING PAD RESIDUE LANDFILL, SITE #4. 4 ACRES	CONTAMINANTS COULD AFFECT POTABLE WATER AND FISH NURSERIES. BURNING PAD RESIDUES (POSSIBLY CONTAINING EXPLOSIVES), COAL FLY ASH, AND TRANSFORMERS.	AS OF 12 MAR 91 PA (C) SI (C) RF (U) HRS 18.00	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
WPNSTA YORKTOWN VA LANDFILL	BARRACKS RD. LANDFILL, SITE #12. 2-3 ACRES	CONTAMINANTS COULD AFFECT POTABLE WATER & WILDLIFE. GARBAGE, REFUSE, SCRAP WOOD, EXPLOSIVE-CONTAMINATED PACKAGING, & SOLVENTS.	AS OF 12 MAR 91 PA (C) SI (C) RF (U) HRS 21.50	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
WPNSTA YORKTOWN VA LANDFILL	WEST ROAD LANDFILL, SITE #16. 40,000 SQ. YDS.	CONTAMINANTS COULD AFFECT POTABLE WATER AND FISH NURSERIES. DRY CARBON BATTERIES, UNIDENTIFIED CHEMICALS, AND 55 GAL. DRUMS.	AS OF 12 MAR 91 PA (C) SI (C) RF (U) HRS 17.70	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA YORKTOWN VA	HOLM ROAD LANDFILL, SITE #17.	CONTAMINANTS COULD AFFECT POTABLE WATER AND FISH NURSERIES.	AS OF 12 MAR 91 PA (C) SI (C) RF (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	250 YD x 100 YD.	ACID BATTERIES, HYDRAULIC FLUIDS, DRUMS & SCRAP METAL	HRS 19.30		
ABL MINERAL COUNTY WV	INERT (NON-ORDNANCE) LANDFILL, SITE #5.	CONTAMINANTS COULD AFFECT POTABLE WATER.	AS OF 6 MAR 91 PA (C) SI (C) RF (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL		EMPTY DRUMS, LAB & PHOTOGRAPHIC CHEMICALS, SCRAP METAL & PLASTIC, FLUORESCENT TUBES (MERCURY), WOOD & SANDBLAST GRIT.	HRS 23.20		
ABL MINERAL COUNTY WV	BERYLLIUM LANDFILL, SITE #7.	MINOR POTENTIAL FOR GROUNDWATER CONTAM-INATION.	AS OF 6 MAR 91 PA (C) SI (C) RF (U)	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	10'x 15'x 6' DEEP.	BERYLLIUM-CONTAMIN-ATED WASTE & MISC. LAB. CHEMICALS.	HRS 27.20		

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCB CAMP LEJEUNE NC BURIAL	MCAS BASKETBALL COURT SITE, SITE #75. –	CONTIMINATED MATERIALS COULD AFFECT POTABLE WATER. 100 - 55 GAL. DRUMS CONTAINING UNKNOWN CHEMICALS WERE REPORTEDLY BURIED, RI/FS COULD NOT LOCATE THEM.	THIS SITE WAS TO BE RECOM'D FOR REMOVAL FROM IR PROGRAM AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	RI/FS DID NOT DETECT CONTAMINATION.
MCB CAMP LEJEUNE NC BURIAL	MCAS CURTIS ROAD SITE, SITE #76. –	CONTAMINATION COULD AFFECT POTABLE WATER. 75-55 GAL. DRUMS OF UNKNOWN CHEMICALS MAY HAVE BEEN BURIED. RI/FS COULD NOT LOCATE DRUMS.	THIS WAS TO BE BE RECOM'D FOR REMOVAL FROM IR PROGRAM AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	RI/FS DID NOT DETECT CONTAMINATION.
WPNSTA YORKTOWN VA PIT	ABANDONED EXPLOSIVES BURNING PITS, SITE #11. 0.5 ACRES	CONTAMINATION COULD AFFECT POTABLE WATER, FISH NURSERIES, AND SEAFOOD.	RI/FS U/W AS OF AUG. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS OCEANA VA LANDFILL	FIFTH GREEN LANDFILL, SITE #7. 4 ACRES	RECREATIONAL USERS AND WILDLIFE ARE RECEPTORS IF EXPOSED TO CONTAMINANTS. PESTICIDES, HEAVY METALS, OILS, PCB'S, SOLVENTS, MIXED MUNICIPAL WASTES, AND UNIDENTIFIED WASTES.	AS OF 12 MAR 91 PA (C) SI (C) RF (C) HRS 22.95	NOT OBSERVED/ NOT OBSERVED	POSSIBILITY
NSC CHEATHAM ANNEX WILLIAMSBURG VA LANDFILL	LANDFILL NEAR INCINERATOR, SITE #1. 2 ACRES	CONTAMINANTS COULD ENTER GROUNDWATER AND ALSO AFFECT SHELLFISH IN YORK RIVER. INCINERATOR BURNING RESIDUES, GENERAL REFUSE, AND EMPTY PAINT & THINNER CANS.	AS OF 13 MAR 91 PA (C) SI (C) RF (U) HRS 21.90	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVPHIBASE LITTLE CREEK VA LANDFILL	SEWAGE TREATMENT PLANT AREA LANDFILLS, SITE #10. 18.5 ACRES	POTENTIAL SURFACE WATER CONTAMINATION AND POSSIBLE THREAT TO AQUATIC SPECIES. PCB'S, PESTICIDE RESIDUES, FUELS, SOLVENTS, AND ASBESTOS.	AS OF 4 OCT 90 PA (C) SI (C) RF (U) HRS 16.18	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME LANTDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCB CAMP LEJEUNE NC LANDFILL	INDUSTRIAL AREA FLY ASH DUMP, SITE #24. 20-25 ACRES	POTENTIAL SURFACE WATER CONTAMINATION AND THREAT TO WILDLIFE. FLY ASH, STRIPPING COMPOUNDS, SOLVENTS, AND WATER TREATMENT SLUDGES.	AS OF 1 MAR 91 PA (C) SI (C) RF (U) HRS 36.84	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCB CAMP LEJEUNE NC LANDFILL	MCAS NEW RIVER MERCURY DUMP SITE, SITE #48. 1,000 LPS.	COULD CONTAMINATE SURFACE WATER AND AFFECT SHELLFISH. METALLIC MERCURY.	AS OF 1 MAR 91 PA (C) SI (C) RF (U) HRS 36.84	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

NORTHDIV SITES

LANDFILLS - 29

BURIALS - 4

MINE FILLS - 1

PITS - 1

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS SOUTH WEYMOUTH MA	WESTGATE LANDFILL, SITE #1.	POTENTIAL CONTAMINATION OF POTABLE WATER.	RI/FS "WILL BE STARTED IN NEAR FUTURE", AS OF AUG. 88	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA GROUNDWATER AND SURFACE WATER
LANDFILL	–	WASTES OF CONCERN INCLUDE: SOLVENTS, OILS, WASTE FUELS, BATTERY ACID, AND PAINTS.			
NAS SOUTH WEYMOUTH MA	SMALL LANDFILL, SITE #3	POTENTIAL CONTAMINATION OF POTABLE WATER.	RI/FS "WILL BE STARTED IN NEAR FUTURE", AS OF AUG. 88	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA GROUNDWATER AND SURFACE WATER
LANDFILL	–	WASTES OF CONCERN INCLUDE: SOLVENTS, OIL, WASTE FUEL, BATTERY ACID, AND PAINTS.			
NAS BRUNSWICK ME	LANDFILL ORION STREET AREA NORTH, SITE #1.	MIGRATION PATHWAYS TO GROUND AND SURFACE WATER EXIST.	AS OF 11 APR 91 PA (C) SI (C)) RF (U)) HRS 43.38	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA GROUNDWATER AND SURFACE WATER
LANDFILL	5 + ACRES	WASTES OF CONCERN INCLUDE: SLUDGE, ASBESTOS, PAINT RESIDUES, HYDRAULIC FLUID, AND OILS.			

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS BRUNSWICK ME LANDFILL	LANDFILL ORION STREET AREA SOUTH, SITE #2. 5 ACRES	MIGRATION PATHWAYS TO GROUND AND SURFACE WATER EXIST. WASTES OF CONCERN INCLUDE: SOLVENTS, PAINT RESIDUES, HYDRAULIC FLUID, AND OILS.	AS OF 11 APR 91 PA (C) SI (C) RF (U) HRS 43.38	NOT OBSERVED/ NOT OBSERVED	POSSIBLE. VIA GROUNDWATER AND SURFACE WATER.
SUBASE NEW LONDON CT LANDFILL	AREA A, SITE #2. 25 ACRES	PETROLEUM SLICKS OBSERVED ON THAMES RIVER. LANDFILL CONTENTS: UNKNOWN QUANTITIES OF SPENT SULFURIC ACID, PCB'S,VOC'S, PESTICIDES, AND HERBICIDES.	AS OF 24 OCT 90 PA (C) SI (C) RF (U) HRS 36.53	OBSERVED / NOT OBSERVED	LIKELY. VIA DRAINAGE.
SUBASE NEW LONDON CT LANDFILL	DPDO AREA, SITE #6. –	POTENTIAL CONTAMINATION OF THAMES RIVER. LANDFILL CONTENTS: UNKNOWN BURN RESIDUES.	AS OF 3 APR 91 PA (C) SI (C) RF (U) HRS 36.53	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA SURFACE WATER RUN-OFF AND GROUNDWATER DISCHARGE.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS GLENVIEW IL LANDFILL	SITE #2. ENCOMPASSES 3 SMALL BURN AND LANDFILL AREAS. APPROXIMATE TOTAL AREA-1200'x 600'	MIGRATORY BIRD HABITAT MAY BE LEAD-CONTAMINATED. WASTES OF CONCERN INCLUDE: MOTOR OIL, HYDRAULIC FLUIDS, SOLVENTS, PAINT WASTES, FUELS, AND HOUSEHOLD RUBBISH. ALL WASTES WERE BURNED AND THE ASHES LANDFILLED.	AS OF 9 APR 91 PA (C) SI (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA GROUNDWATER AND DRAINAGE.
NTC GREAT LAKES IL LANDFILL	GOLF COURSE LANDFILL, SITE #1. 49 ACRES	POTENTIAL FOR CONTAMINATION OF SKOKIE DITCH & MISSISSIPPI RIVER WITH THREATS TO HUMAN HEALTH, WILDLIFE AND AQUATIC SPECIES. WASTES OF CONCERN INCLUDE: PERCHLORO-ETHYLENE, PCB'S, CARBON TETRACHLORIDE, SOLVENT 144, AND WASTE MOTOR OIL. WASTES WERE BURNED WHEN TRENCHES HAD BEEN FILLED.	SCHEDULED TO BEGIN AUG. 88	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA GROUNDWATER DISCHARGE

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NSY PORTSMOUTH NH	JAMAICA ISLAND LANDFILL, SITE #1. 25 ACRES	POTENTIAL CONTAMINATION OF SEAFOOD.	RI/FS WAS ANTICIPATED TO START IN FALL OF 1988.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA LEACHING.
LANDFILL		WASTES OF CONCERN INCLUDE: PLATING SLUDGES, ASBESTOS, TCE, METHYLENE CHLORIDE, MEK, TOLUENE, ACETYLENE AND CHLORINE GAS CYLINDERS, LEAD, CHROMIUM, WASTE PAINTS, AND SOLVENTS.			
NAVAIRENGCEN LAKEHURST NJ	BASE LANDFILL, SITE #42.	POSES A THREAT TO ENVIRONMENTALLY SENSITIVE RIDGEWAY BRANCH.	FIELD WORK WAS TO BEGIN SUMMER 88.	YES/UNKNOWN	GROUNDWATER IS CONTAMINATED WITH TETRACHLOROETHYLENE.
LANDFILL	—	TETRACHLOROETHYLENE			

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
SPCC MECHANICSBURG PA LANDFILL	GOLF COURSE LANDFILL, SITE #5. 5 ACRES	POTENTIAL FOR GROUNDWATER CONTAMINATION AND RAPID MIGRATION VIA NEARBY FAULTS. WASTES INCLUDE: MOTOR, MACHINE & OTHER WASTE OILS; ANTIFREEZE, PAINTS, VARNISH, SOLVENTS, AND MEDICINES AND MEDICAL SUPPLIES.	RI/FS WAS TO BEGIN SUMMER 88.	NOT OBSERVED/ NOT OBSERVED	CONTAMINANTS COULD MIGRATE ALONG FAULT LINES IF THEY ENTER GROUNDWATER.
NAVAIRDEVCEN WARMINSTER PA LANDFILL	MAIN LANDFILL, SITE #4.	HIGH PROBABILITY OF LEACHING INTO GROUNDWATER. WASTES INCLUDE: SANITARY FILL, PAINTS, SOLVENTS, WASTE OILS, WASTE METALS, CONSTRUCTION WASTES, AND DOMESTIC WASTE SLUDGE.	AS OF 9 APR 91 PA (C) SI (C) RF (U) HRS 57.93	NOT OBSERVED/ NOT OBSERVED	HIGH PROBABILITY THAT GROUNDWATER HAS BEEN CONTAMINATED VIA LEACHING.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS WILLOW GROVE PA LANDFILL	ANTENNA FIELD LANDFILL, SITE #2. 8 ACRES	HIGH POTENTIAL FOR WATER TABLE CONTAMINATION. WASTES INCLUDE: GENERAL REFUSE, PAINT MATERIALS, SCRAP METAL, COAL ASH, SEWAGE SLUDGE, AND OIL & GREASE EMULSIONS.	CONFIRMATION STUDY WAS RECOMMENDED IN AUG. 88.	NOT OBSERVED/ NOT OBSERVED	POSSIBILITY OF PERCOLATION OF CONTAMINATED GROUNDWATER.
NAS WILLOW GROVE PA LANDFILL	9TH STREET LANDFILL, SITE #3. 9 ACRES	SEAFOOD COULD BE IMPACTED. WASTES INCLUDE: GENERAL REFUSE, PAINT MATERIALS, SCRAP METAL, COAL ASH, SEWAGE SLUDGE, OIL & GREASE EMULSIONS, AND POSSIBLY PCB'S.	CONFIRMATION STUDY WAS RECOMMENDED IN AUG 88.	NOT OBSERVED/ NOT OBSERVED	IT IS THE APPARENT DISCHARGE ZONE FOR THE WATER TABLE AQUIFER.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS WILLOW GROVE PA LANDFILL	NORTH END LANDFILL, SITE #4. 3.5 ACRES	POTENTIAL SEAFOOD AND POTABLE WATER CONTAMINATION. WASTES INCLUDE: PAINT WASTES, PAINT STRIPPER, XYLENE & TOLUENE, FREON, TCE, PCB'S, POL'S, ASBESTOS, GENERAL REFUSE, INDUSTRIAL SLUDGE, SEWAGE SLUDGE, OIL AND GREASE EMULSIONS, COAL ASH, METAL SCRAP & HEAVY METAL	CONFIRMATION STUDY REC'D AUG. 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL. VIA MIGRATION TO SURFACE WATER.
CBC DAVISVILLE RI LANDFILL	ALLEN HARBOR LANDFILL, SITE #9. 15 ACRES	POSSIBILITY OF RECREATIONAL WATERWAY CONTAMINATION. WASTES INCLUDE: CARBON TETRACHLORIDE, TCE, CONTAMINATED FUELS, PLATING WASTES, PAINT SLUDGES, PCB'S, SOLVENTS, OILS, AND P1 + P2 PRESERVATIVES.	AS OF 4 APR 91 PA (C) SI (C) RF (U) HRS 34.52	NOT OBSERVED/ NOT OBSERVED	DOESN'T APPEAR TO BE LIKELY ACCORDING TO WORDING OF REPORT.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NETC NEWPORT RI LANDFILL	McALLISTER POINT LANDFILL, SITE #1. 6 ACRES	POTENTIAL SEAFOOD CONTAMINATION. WASTES OF CONCERN INCLUDE: SPENT ACIDS, PAINTS, SOLVENTS, WASTE OILS AND PCB'S.	AS OF 28 MAR 91 PA (C) SI (C) RF (U) HRS 32.25	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NETC NEWPORT RI LANDFILL	MEHLVILLE NORTH LANDFILL, SITE #2. 10 ACRES	POSSIBILITY OF SEA-FOOD CONTAMINATION. WASTES INCLUDE: SPENT ACIDS, WASTE PAINTS, SOLVENTS, WASTE OILS, POSSIBLE PCB'S, AND DOMESTIC REFUSE.	AS OF 28 MAR 91 PA (C) SI (C) RF (U) HRS 32.25	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVWPNSUPPCEN CRANE IN BURIAL	DYE BURIAL GROUNDS, SITE #1.	POTENTIAL POTABLE WATER CONTAMINATION WASTES INCLUDE: DYES (INCLUDING TOXIC + POTENTIALLY CARCINOGENIC COMPOUNDS).	INITIAL PHASES OF RI HAD COMM-ENCED AS OF JUL. 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL VIA RUN-OFF + PERCOLATION.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVWPNSUPPCEN CRANE IN	CHEMICAL BURIAL GROUNDS, SITE #12.	POTENTIAL POTABLE WATER CONTAMINATION EXISTS IF WATER IS DRAWN FROM GROUND WATER RATHER THAN THE PRESENT UTILIZATION OF SURFACE WATER.	INITIAL PHASES OF RI HAD COMMENCED AS OF JUL. 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL
BURIAL	–	WASTES INCLUDED: MUSTARD GAS AND THORIUM NITRATES.			
NAVWPNSUPPCEN CRANE IN	MINE FILL A AND B, SITE #14.	HIGH POTENTIAL FOR SEAFOOD, POTABLE WATER + IRRIGATION CONTAMINATION.	RI/FS HAD BEEN SCHEDULED AS OF JUL. 88.	NOT OBSERVED/ NOT OBSERVED	HIGH POTENTIAL VIA PERCOLATION.
MINE FILL	–	TNT, RDX, AND HMX.			
NAS BRUNSWICK ME	HAZARDOUS BURIAL AREA, SITE #3.	PERMEABLE SEDIMENTS BELOW THE SITE PROVIDE A PATHWAY FOR MIGRATION.	AS OF 11 APR 91 PA (C) SI (C) RF (U) HRS 43.38	ORANGE STAINS (IRON) OBSERVED/ NOT OBSERVED.	POSSIBLY VIA MIGRATION PATHWAYS
BURIAL	–	WASTES INCLUDE: ISOPROPYL ALCOHOL, DANC, PAINTS, AND SOLVENTS.			

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVAIRDEVCEN WARMINSTER PA PIT	FORMER BURN PIT, SITE #1. –	LIKELY CONTAMINATION OF GROUND WATER. WASTES INCLUDE: PAINT, OIL,ASPHALT, SOLVENT, SCRAP METAL, UNSPECIFIED CHEMICALS AND WASTE FROM FIRING RANGES.	AS OF 9 APR 91 PA (C) SI (C) RF (U) HRS 57.93	LIKELY/ NOT OBSERVED	LIKELY TO HAVE OCCURRED VIA LEACHING.
NAS WILLOW GROVE PA BURIAL	PRIVET ROAD COMPOUND, SITE #1. 1 ACRE	POTENTIAL CONTAMINATION OF POTABLE WATER. WASTES INCLUDE: SCRAP METAL, PAINT WASTES, COAL ASH, SEWAGE SLUDGE, PCB FLUID, ASBESTOS, GENERAL REFUSE, AND OIL & GREASE EMULSIONS.	AS OF 4 APR 91 PA (C) SI (C) RF (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	POTENTIAL

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA EARLE COLTS NECK NJ LANDFILL	LANDFILL SOUTHWEST OF "F" GROUP, SITE #3. 5 ACRES	POSSIBLE CONTAMINATION OF POTABLE WATER. WASTES INCLUDE: PAINTS, PAINT THINNER, SOLVENTS, VARNISHES, ACIDS, SHELLACS, ALCOHOLS, CAUSTICS, PESTICIDE CONTAINERS AND RINSEWATERS, ASBESTOS, OTHER INDUSTRIAL WASTES, AND DOMESTIC WASTES.	AS OF 5 APR 91 PA (C) SI (C) RF (U) HRS 37.21	NOT OBSERVED/ NOT OBSERVED	POSSIBLE VIA LEACHATE.
WPNSTA EARLE COLTS NECK NJ LANDFILL	LANDFILL WEST OF "D" GROUP, SITE #4. 5 ACRES	POTENTIAL CONTAMIN- OF POTABLE WATER. WASTES INCLUDE: DOMESTIC & DEMOLITION WASTES, PESTICIDE CONTAINERS & RINSEWATERS, PAINT, PAINT THINNERS, VARNISHES, ACIDS, SHELLACS, ALCOHOLS, CAUSTICS, AND ASBESTOS.	AS OF 5 APR 91 PA (C) SI (C) RF (U) HRS 37.21	NOT OBSERVED/ NOT OBSERVED	POSSIBLE VIA GROUNDWATER.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA EARLE COLTS NECK NJ LANDFILL	LANDFILL WEST OF ARMY BRIGADE, SITE #5. 13 ACRES	POTENTIAL CONTAMINATION OF POTABLE WATER. WASTES INCLUDE: DOMESTIC WASTES, PESTICIDE CONTAINERS AND RINSEWATER, PAINTS, PAINT THINNERS, SOLVENTS, VARNISHES, SHELLACS, ACIDS, ALCOHOLS, AND CAUSTICS.	AS OF 5 APR 91 PA (C) SI (C) RF (U) HRS 37.21	NOT OBSERVED/ NOT OBSERVED	POSSIBLE. VIA LEACHATE.
WPNSTA EARLE COLTS NECK NJ LANDFILL	LANDFILL SOUTH OF THE BARRICADES, SITE #7. 5 ACRES	POSSIBLE AFFECT ON WILDLIFE. WASTES INCLUDE: DUNNAGE, PACKING MATERIALS, SHOP WASTES, AND DOMESTIC REFUSE.	AS OF 5 APR 91 PA (C) SI (C) RF (U) HRS 37.21	NOT OBSERVED/ NOT OBSERVED	POSSIBLE. VIA LEACHATE.
WPNSTA EARLE COLTS NECK NJ LANDFILL	SCRAP METAL LANDFILL NEAR BLDG. 9589, SITE #10. 2 ACRES	COULD CAUSE CONTAMINATION OF POTABLE WATER. WASTES INCLUDE: PAINT CHIPS (CONTAINING LEAD AND ZINC).	AS OF 5 APR 91 PA (C) SI (C) RF (U) HRS 37.21	NOT OBSERVED/ NOT OBSERVED	POSSIBLE.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVAIRENGCEN LAKEHURST NJ LANDFILL	ORIGINAL BASE LANDFILL, SITE #29. 400' X 1200'	POSSIBLE POTABLE WATER CONTAMINATION WASTES INCLUDE: MERCURY, ASBESTOS, PAINT, THINNERS, MAGNESIUM, FLUORESCENT TUBES, INCINERATOR ASH, SOLVENTS, HYDRO-FLUOPIC ACID, AND CONTAMINATED FUELS.	FIELD WORK WAS SCHEDULED TO BEGIN SUMMER OF 1988.	NOT OBSERVED/ NOT OBSERVED	POSSIBLE. VIA MIGRATION.
NAVAIRENGCEN LAKEHURST NJ LANDFILL	SANITARY LANDFILL, SITE #31.	GREAT POTENTIAL FOR POTABLE WATER CONTAMINATION. WASTES INCLUDE: HYDRAULIC FLUIDS, ASBESTOS, CUTTING OILS, SOLVENTS, PAINT THINNERS, PAINT CANS, WASTE OILS, SLUDGE, FLUID FILTERS, MERCURY, LEAD BULLETS, FLUORESCENT TUBES, FREON CYLINDERS, AND PCB'S.	AS OF 4 APR 91 PA (C) SI (C) RF (U) HRS 50.53	NOT OBSERVED/ NOT OBSERVED	GREAT POTENTIAL VIA MIGRATION.

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVAIRDEVCEN WARMINSTER PA LANDFILL	BUILDING 401 WASTE ENTRENCHMENT SITE #5. 1900 - 2000 CU.YDS.	POSSIBILITY OF SURFACE WATER CONTAMINATION. WASTES INCLUDE: DEMOLITION WASTES, PAINTS, SOLVENTS, SCRAP METALS, AIRCRAFT PAINTS AND CANS, AND ASPHALT.	AS OF 9 APR 91 PA (C) SI (C) RF (U) HRS 57.93	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVAIRDEVCEN WARMINSTER PA LANDFILL	WASTE ENTRENCHMENT SITE #7. 700 CU.YDS.	POSSIBILITY OF SURFACE WATER CONTAMINATION. INDUSTRIAL WASTE SLUDGE CAKE.	AS OF 9 APR 91 PA (C) SI (C) RF (U) HRS 57.93	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS BRUNSWICK ME LANDFILL	NEPTUNE DRIVE DISPOSAL SITE, SITE #9.	POSSIBILITY EXISTS FOR SURFACE WATER CONTAMINATION. WASTES INCLUDE: METAL SHOP WASTES, SOLVENTS, AND PAINT SLUDGES.	AS OF 11 APR 91 PA (C) SI (C) RF (U) HRS 43.38	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME NORTHDIV	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
SPCC MECHANICSBURG PA LANDFILL	BALL ROAD LANDFILL AND BURN PITS, SITE #3. 7.5 ACRES	BOTTOMS OF DISPOSAL PITS MAY BE BENEATH SEASONAL HIGH WATER TABLE. (POTENTIAL THREAT) WASTES INCLUDE: MOTOR, MACHINE & OTHER WASTE OILS; ANTIFREEZE, PAINTS & PAINT SLUDGES; TRICHLOROETHYLENE (POSSIBLY CONTAMINATED WITH PCB'S); STODDARD SOLVENT; AND OTHER SOLVENTS.	RI/FS WAS TO BEGIN SUMMER 88.	NOT OBSERVED/ NOT OBSERVED	CONTAMINANTS COULD MIGRATE ALONG FAULT LINES IF THEY ENTER THE GROUNDWATER.

WESTDIV (SILVERDALE) SITES

LANDFILLS - 16

FILLS - 1

BURIALS - 1

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS ADAK AK LANDFILL	ANDREW LAKE LANDFILL, SITE #8. 2 ACRES	POTENTIAL SAFETY HAZARD DUE TO LIVE ORDNANCE. ORDNANCE ITEMS.	IAS RECOM'D SAFETY MEASURES (SIGNS) IN '86. A ROUTINE SAFETY PROGRAM WAS RECOM'D AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS ADAK AK LANDFILL	PALISADES LAKE LANDFILL, SITE #11. 5 ACRES	POTENTIAL EXISTS FOR SURFACE WATER CONTAMINATION AND SUBSEQUENT AFFECT ON AQUATIC LIFE. WASTE POLS, CHLORINATED SOLVENTS, NON-CHLORINATED SOLVENTS, PAINT, MERCURY, ASPHALT, AND BATTERIES.	RECOM'D FOR SI, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS ADAK AK LANDFILL	METALS LANDFILL, SITE #13. 500'x 150'x 10-20'DEEP.	CONTAMINATION COULD REACH SURFACE WATERS AND AFFECT AQUATIC LIFE. POL'S, PCB'S, CHLORINATED AND NON-CHLORINATED SOLVENTS, PESTICIDES, BATTERIES (LEAD), MERCURY + LITHIUM BATTERIES, PAINTS (LEAD), SEWAGE SLUDGE (HEAVY METALS), AND LIVE ORDNANCE.	RECOM'D FOR SI, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS ADAK AK	ROBERTS LANDFILL, SITE #25 AND ROBERTS DRUM/SLUDGE DISPOSAL AREA,	POSSIBILITY OF CONTAMINATION VIA SURFACE RUNOFF AND GROUNDWATER, WHICH COULD AFFECT AQUATIC LIFE.	RECOM'D FOR SI, AS OF JUN. '88.	APPEARS TO BE PRESENT/NOT OBSERVED	APPEARS TO BE PRESENT
LANDFILL	SITE #24. BOTH SITES HAVE BEEN COMBINED TO TOTAL, 5.25 ACRES.	INDUSTRIAL LIQUIDS, ASBESTOS, FUEL TANK SLUDGES, WASTE OIL, LEAD AND MERCURY BATTERIES, SOLVENTS, PAINT (LEAD), THINNERS, AND LEAD.			
NAS ADAK AK	FINGER BAY LANDFILL, SITE #29. 6 ACRES	POSSIBILITY OF CONTAMINATION VIA SURFACE RUNOFF AND GROUNDWATER, COULD AFFECT AQUATIC LIFE.	RECOM'D FOR SI, AS OF JUN. '88.	APPEARS TO BE PRESENT/NOT OBSERVED	APPEARS TO BE PRESENT
LANDFILL		LIQUID WASTE, POL, CHLORINATED SOLVENTS, PAINTS AND THINNERS, LEAD AND MERCURY BATTERIES, PESTICIDES, NITROBENZENE, AND LEAD X-RAY PLATES.			

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS ADAK AK LANDFILL	MAGAZINE 4 LANDFILL, SITE #30. 100' x 200'x 4-6'.	CONTAMINANTS COULD MIGRATE VIA SURFACE RUNOFF, AFFECTING AQUATIC LIFE. UNKNOWN TYPES AND QUANTITIES OF HAZARDOUS MATERIALS.	RECOM'D FOR SI, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVUSEAWARENGSTA KEYPORT WA LANDFILL	NUWES KEYPORT LANDFILL (AKA, KEYPORT LANDFILL), SITE #1. 7 ACRES	POTENTIAL FOR CONTAMINATION REACHING SURFACE WATER, AFFECTING FISH AND CONSEQUENTLY HUMANS PLATING WASTES, PAINT RESIDUES, SOLVENTS, PAINT, SLUDGE, ACIDS, OILS, PESTICIDE RINSEATE, CAUSTICS, AND FUELS.	AS OF 7 MAR 91 PA (C) SI (C) RI/FS (U) HRS 33.60	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
INDIAN ISLAND ANNEX WA LANDFILL	INDIAN ISLAND NORTH END LANDFILL, SITE #10. 5 ACRES	CONTAMINATION COULD REACH SURFACE WATERS, AQUATIC LIFE, HUMANS, AND ENDANGERED SPECIES. PAINT, THINNERS, STRIPPERS, METHYL ETHYL KETONE, TRICHLOROETHYLENE, TRICHLOROETHANE, CARBON TETRACHLORIDE, OIL, LEAD, ZINC, AND POLYURETHANE RESINS.	RECOM'D FOR RI/FS AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
INDIAN ISLAND ANNEX WA LANDFILL	INDIAN ISLAND BLDG. 86 FILL, SITE #21. 5,000 SQ.FT.	POSSIBILITY OF CONTAMINATING POTABLE WATER. WASTE OIL, SOLVENTS, ELECTRICAL EQUIPMENT (PCB'S), AND PAINT.	RECOM'D FOR RI/FS AS OF JUN. '88.	NOT OBSERVED NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS WHIDBEY ISLAND WA LANDFILL	BEACH LANDFILL, SITE #1. 6 ACRES	COULD CONTAMINATE WETLANDS AND AFFECT WILDLIFE. PAINTS, STRIPPERS, THINNERS, STODDARD SOLVENT, METHYL ETHYL KETONE, CARBON TETRACHLORIDE, TRICHLOROETHYLENE, TRICHLORETHANE, CAUSTIC CLEANERS, FUELS, OILS, GREASES, LEAD, ASBESTOS, ZINC, MAGNESIUM, AND OTHER METALS.	RI/FS WAS IN PROGRESS AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS WHIDBEY ISLAND WA LANDFILL	WESTERN HIGHLAND LANDFILL, SITE #2. 13 ACRES	COULD CONTAMINATE SURFACE AND GROUND WATER, WITH AFFECTS ON WILDLIFE, ENDANGERED SPECIES, AND POTABLE WATER. METALS, PAINTS, SOLVENTS, THINNERS, ALCOHOLS, CAUSTICS, OILS, FUELS, AND ASBESTOS.	AS OF 7 MAR 91 PA (C) SI (C) HRS 48.48	PRESENCE/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS WHIDBEY ISLAND WA LANDFILL	1969-1970 LANDFILL, SITE #3. 1.5 ACRES	MAY CONTAMINATE WETLANDS, GROUND - WATER AND POTABLE WATER. PAINTS, THINNERS, STRIPPERS, SOLVENTS, ALCOHOLS, CAUSTICS, OILS, FUELS, METALS, AND ASBESTOS.	AS OF 7 MAR 91 PA (C) SI (C) HRS 48.48	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS WHIDBEY ISLAND WA LANDFILL	HIGHWAY 20/ HOFFMAN ROAD LANDFILL, SITE #5. 1 ACRE.	POSSIBILITY OF FUTURE POTABLE WATER CONTAMINATION OILY WASTE, PAINTS, THINNERS, SOLVENTS, STRIPPERS, HYDRAULIC FLUID, WASTE OILS, AND FUELS.	AS OF 7 MAR 91 PA (C) SI (C) RI/FS (U) HRS 48.48	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS WHIDBEY ISLAND WA LANDFILL	CURRENT LANDFILL SITE (AKA, SITE 6 LANDFILL), SITE #6. 20 ACRES	POSSIBILITY OF POTABLE WATER CONTAMINATION VIA GROUNDWATER. ACIDS, CAUSTICS, SOLVENTS, THINNERS, AND STRIPPERS.	AS OF 7 MAR 91 PA (C) SI (C) RI/FS (U)	NOT OBSERVED/ NOT OBSERVED	YES

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS WHIDBEY ISLAND WA LANDFILL	SEAPLANE BASE LANDFILL, SITE #49. 3-4 ACRES	POTENTIAL EXISTS FOR CONTAMINATION OF WETLANDS AND SURFACE WATER (AQUATIC AND WILD-LIFE). METALS, SOLVENTS, DEGREASERS, PAINTS, THINNERS AND STRIPPERS.	AS OF 7 MAR 91 PA (C) SI (C) RF (U) HRS 39.69	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVHOSP BREMERTON WA FILL	GARBAGE AND ORDNANCE DISPOSAL AREA, SITE #103. –	MINIMAL THREAT TO SHELLFISH. ACTUAL WASTES NOT DETERMINED, BUT MAY INCLUDE: METALS, SOLVENTS, PHTHALATE & BURNED ORDNANCE.	RI/FS IN PROG-RESS, AS OF JUN. '88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
SUBASE BANGOR WA BURIAL	BURIED BARRELS AND CANS OF PESTICIDE, SITE #11. –	NONE IDENTIFIED PESTICIDES (2,4-D; DDT; AND TORDON).	AS OF 15 MAR 91 PA (C) SI (C) RF (U) HRS 55.91	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SILVERDALE)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NSB BANGOR WA	FLORAL POINT, SITE #B.	REFUSE WITH HAZARDOUS WASTE, AND ORDNANCE COMPOUNDS.	AS OF 15 MAR 91 PA (C) SI (C) RF (U) HRS 55.91	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

WESTDIV (SAN DIEGO)

LANDFILLS - 29

BURIALS - 6

PITS - 1

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCLB BARSTOW CA LANDFILL	LANDFILL AREA, SITE #23. 45 ACRES	MINIMAL CONTAMINATION THREAT. REFUSE AND NON HAZARDOUS SOLID MATERIALS.	AS OF 11 APR 91 PA (C) SI (C) RF (U) HRS 37.93	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAVWPNCEN CHINA LAKE CA LANDFILL	PILOT PLANT ROAD LANDFILL, SITE #22. –	CONTAMINATION IS MIGRATING TOWARDS POTABLE WATER WELLS. OILS, SOLVENTS, PESTICIDES, PAINTS, AND THINNERS.	RECOM'D. FOR RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVWPNCEN CHINA LAKE CA LANDFILL	LAURITSEN ROAD LANDFILL, SITE #34. SEVERAL TRENCHES - 100'x 15' x10' DEEP.	CONTAMINANTS FOUND IN WELL COULD MIGRATE VIA GROUND WATER TO POTABLE WATER WELLS. SOLVENTS, LABORATORY CHEMICALS, PESTICIDES, AND OILS.	THE CONTAMINATED PORTION OF SITE #34 WILL BE ADDED TO SITE #7 FOR RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES
NAVWPNCEN CHINA LAKE CA LANDFILL	SNORT ROAD LANDFILL, SITE #12.	POTENTIAL EXISTS FOR POTABLE WATER CONTAMINATION. TCE, WASTE OILS, UNSPECIFIED CHEMICALS, AND PCB'S.	RECOM'D FOR RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES
MCB CAMP PENDLETON CA LANDFILL	LAS PULGAS LANDFILL, SITE #8. ESTIMATED - 16,000 CU.YDS. OF WASTE MATERIALS.	POTENTIAL THREAT TO HUMANS VIA CONTAMINATED GROUND WATER. DEMOLITION DEBRIS, ASBESTOS, PENTACHLOROPHENOL-TREATED WOOD, AIRFIELD CORROSION CONTROL WASTES CONTAINING: (PAINTS, LACQUERS, STRIPPERS, THINNERS, SOLVENTS, EPOXIES, AND SEALANTS), ORDNANCE, AND HOSPITAL WASTES.	AS OF 15 APR 91 PA (C) SI (C) RF (U) HRS 33.79	NOT OBSERVED/ NOT OBSERVED	YES

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAF EL CENTRO CA	MAGAZINE ROAD LANDFILL, SITE #1.	HIGH POTENTIAL FOR SURFACE AND GROUND WATER CONTAMINATION WITH RESULTANT	NEGOTIATIONS U/W FOR RI/FS CONTRACT, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	4 ACRES	IRRIGATION WATER CONTAMINATION.			
		PLATING WASTES, ASBESTOS, WATER BEARING FUELS, HYDRAULIC FLUID, SANDBLAST GRIT, BATTERIES, PAINT, SOLVENTS, MOTOR OIL, PESTICIDES, PHOTOGRAPHIC CHEMICALS, AND 40 mm CARTRIDGES.			

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAF EL CENTRO CA LANDFILL	PATROL ROAD LANDFILL, SITE #2. 30 ACRES	HIGH POTENTIAL FOR SURFACE WATER CONTAMINATION. GROUND WATER MAY ALSO BE AFFECTED FOR DOMESTIC OR IRRIGATION USE. PAINT, SOLVENTS (CARBON TETRACHLORIDE, TETRACHLOROETHYLENE, METHYL ETHYL KETONE, FREON-113, TRICHLORETHYLENE), ASBESTOS, AVGAS, JET FUEL, DIESEL & REGULAR MOGAS, HYDRAULIC FLUID, MERCURY AMALGAM, BATTERIES, SANDBLAST GRIT, OIL, AND CHLORINATED PESTICIDES.	NEGOTIATIONS U/W FOR THE RI/FS CONTRACT, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS NORTH ISLAND SAN DIEGO CA LANDFILL	GOLF COURSE DISPOSAL AREA, SITE #5. 30 ACRES	LOW POTENTIAL FOR OFF-SITE MIGRATION. OIL, SOLVENTS, HYDRAULIC FLUID, RESINS, AND PAINTS.	SITE COULD GO TO FULL REMEDIATION, EXCAVATION, REMOVAL OF TRASH, MONITORING VENTS, AND FINALLY CAPPING ENTIRE SITE, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NALF SAN CLEMENTE ISLAND CA LANDFILL	SAN CLEMENTE ISLAND LANDFILL, SITE #15. 50,000 SQ.FT.	POTENTIAL FOR CONTAMINATION OF SOILS AND SURFACE WATER, POSES THREAT TO ENDANGERED OR THREATENED SPECIES, AQUATIC LIFE, AND HUMANS. NAPHTHALENE, OILS, FLAMMABLE LIQUIDS, EXPLOSIVES, PAINT, AND TRASH.	RI/FS RECOM'D., AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NTC SAN DIEGO CA LANDFILL	OLD MCRD REFUSE DISPOSAL AREA, SITE #1. 32 ACRES	POTENTIAL FOR SURFACE RUNOFF AND GROUND WATER CONTAMINATION. POSES A THREAT TO FISH, WILDLIFE, HUMANS, AND ENDANGERED SPECIES. PENTACHLOROPHENOL, MOTOR OILS, PAINTS, SOLVENTS, THINNERS, GASOLINE, PCB'S ?, AND PLATING WASTES.	RI/FS BEING NEGOTIATED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCAS EL TORO SANTA ANA CA LANDFILL	MAGAZINE ROAD LANDFILL, SITE #2. 22 ACRES	CONTAMINANTS COULD MIGRATE VIA SURFACE OR GROUND WATER PATHWAYS. GRNDWTR. IS USED FOR IRRIGATION. THREAT TO ENDANGERED SPECIES AND HUMANS. LEAD BATTERIES, WASTE POL'S, FUELS, LEAD-BASED PAINT, SOLVENTS, AND PCB-CONTAINING TRANSFORMERS.	AS OF 25 APR 91 PA (C) SI (C) RF (U) HRS 40.83	NOT OBSERVED/ NOT OBSERVED	MAY BE

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS EL TORO SANTA ANA CA LANDFILL	ORIGINAL LANDFILL, SITE #3. 163,000 - 243,000 CU.YDS. OF WASTES DEPOSITED.	POTENTIAL FOR SURFACE AND GROUND WTR. CONTAMINATION. WATER IS USED FOR IRRIGATION. THREAT TO ENDANGERED SPECIES AND HUMANS. SOLVENTS, PAINT RESIDUES, AND OIL.	AS OF 25 APR 91 PA (C) SI (C) RF (U) HRS 40.83	NOT OBSERVED/ NOT OBSERVED	MAY BE
MCAS EL TORO SANTA ANA CA LANDFILL	PERIMETER ROAD LANDFILL, SITE #5. 50,000 - 60,000 CU.YDS. OF WASTE DEPOSITED.	POTENTIAL FOR SURFACE AND GROUND WATER CONTAMINATION. WATER IS USED FOR AGRICULTURE. THREAT TO ENDANGERED SPECIES AND HUMANS. OILS, FUELS, SOLVENTS, CLEANING FLUIDS, AND PAINT RESIDUES.	AS OF 25 APR 91 PA (C) SI (C) RF (U)	NOT OBSERVED/ NOT OBSERVED	MAY BE

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAS EL TORO SANTA ANA CA	COMMUNICA- TION STATION LANDFILL, SITE #17. 26 ACRES	CONTAMINANTS COULD MIGRATE INTO THE GROUNDWATER, WHICH IS USED FOR AGRI-CULTURE.	AS OF 25 APR 91 PA (C) SI (C) RF (U) HRS 40.83	NOT OBSERVED/ NOT OBSERVED	MAY BE
LANDFILL		OILS, FUELS, AND UNKNOWN, UNAUTHOR-IZED DEPOSITS.			
WPNSTA SEAL BEACH CA	STATION LANDFILL, SITE #7. 27,000	POTENTIAL EXISTS FOR CONTAMINANT MIGRATION TO GRND. WATER AND WETLANDS.	CONTRACT NEGOTIATIONS FOR RI/FS DUE TO BEGIN IN MID	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
LANDFILL	CU.YDS.	THREAT TO FISH, ENDANGERED SPECIES, AND HUMANS.	'88, AS OF AUG 88.		
		SOLVENTS, MINERAL OIL, LACQUER THIN-NER, PHOTOGRAPHIC CHEMICALS, PAINT, PAINT SLUDGES, PAINT CANS, ASBESTOS, MERCURY BATTERIES, AND MERCURY-CONTAINING WASTES.			

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAGCC TWENTYNINE PALMS CA LANDFILL	LANDFILL #1, SITE #14. 4 ACRES	POTENTIAL EXISTS FOR GROUNDWATER CONTAMINATION, POSING A THREAT TO HUMANS VIA POTABLE WATER. FUEL, LUBE OIL, PAINT STRIPPERS AND RESIDUES, SOLVENTS, VEHICLE BATTERIES, AMMUNITION, RADIUM DIALS, AND MAGNATRON TUBES.	RECOM'D. FOR RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIALLY
MCAGCC TWENTYNINE PALMS CA LANDFILL	LANDFILL #2, SITE #15. 48 ACRES	POTENTIAL EXISTS FOR GROUNDWATER CONTAMINATION, POSING THREAT TO HUMANS VIA POTABLE WATER. OILY WASTE, PAINT STRIPPERS AND RESIDUES, SOLVENTS, VEHICLE BATTERIES, AMMUNITION, RADIUM DIALS, AND MAGNATRON TUBES.	IN CONFIRMATION PHASE OF RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIALLY

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCAGCC TWENTYNINE PALMS CA LANDFILL	LANDFILL #3, SITE #16. 1 ACRE	POTENTIAL EXISTS FOR GROUND WATER CONTAMINATION, POSING A THREAT TO HUMANS VIA POTABLE WATER. VEHICLE BATTERIES, SOLVENTS, RADIUM DIALS, MAGNATRON TUBES, PAINT STRIPPERS AND RESIDUES, OIL, FUEL, AND AMMUNITION.	WAS INCLUDED IN CONFIRMATION STUDY, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL
FASOTRAGRUPAC DET WARNER SPRINGS CA LANDFILL	SERE CAMP LANDFILL, SITE #1. 2 ACRES	GROUND WATER CONTAMINATION POTENTIAL EXISTS, POSING THREAT VIA POTABLE WATER. MOTOR OIL, LUBES, SOLVENTS, PAINT, ETHYLENE GLYCOL, HYDRAULIC FLUID, FUELS, ACIDS, BATTERIES, AND HOUSEHOLD TRASH.	A SAMPLING PLAN WAS PROPOSED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS FALLON NV LANDFILL	SOUTHEAST RUNWAY LANDFILL, SITE #18. 18,000 TONS	HIGH POTENTIAL EXISTS THAT GROUND WATER HAS BEEN CONTAMINATED, POSING A THREAT TO HUMANS, LIVESTOCK,WILDLIFE, ENDANGERED SPECIES, AND FISH. IT IS LIKELY THAT HAZARDOUS WASTES WERE DUMPED AT THE SITE. HOWEVER, FURTHER INFORMATION IS NOT AVAILABLE.	WORK PLAN FOR RI/FS BEING DEVELOPED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	HIGH POTENTIAL THAT CONTAMINATION OF GROUND WATER HAS OCCURRED.
NAS FALLON NV LANDFILL	CHECKERBOARD LANDFILL, SITE #20. 85,000 TONS	HIGH POTENTIAL EXISTS THAT GROUND WATER HAS BEEN CONTAMINATED, POSING A THREAT TO:HUMANS, FISH, LIVESTOCK, WILDLIFE, AND ENDANGERED SPECIES. WASTE WATER TREATMENT SLUDGE, AND POSSIBLY OTHER HAZARDOUS WASTES. FURTHER INFORMATION IS NOT AVAILABLE.	WORK PLAN FOR RI/FS BEING DEVELOPED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	HIGH POTENTIAL THAT GROUND WATER HAS BEEN CONTAMINATED.

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS FALLON NV LANDFILL	RECEIVER SITE LANDFILL, SITE #21.	HIGH POTENTIAL EXISTS THAT GROUND WATER HAS BEEN CONTAMINATED, POSING A THREAT TO: HUMANS, LIVESTOCK, FISH, WILDLIFE, AND ENDANGERED SPECIES. TREATMENT POND SLUDGE, JP-5, GASOLINE, DIESEL FUEL, WASTE OILS, AND HYDRAULIC FLUID.	WORK PLAN FOR RI/FS BEING DEVELOPED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	HIGH POTENTIAL THAT GROUND WATER HAS BEEN CONTAMINATED.
NAS FALLON NV LANDFILL	NORTHEAST RUNWAY LANDFILL, SITE #22. 60,000 TONS	HIGH POTENTIAL EXISTS THAT GROUND WATER HAS BEEN CONTAMINATED, POSING A THREAT TO: HUMANS, LIVESTOCK, WILDLIFE, FISH, AND ENDANGERED SPECIES. MINOR AMOUNTS OF HAZARDOUS MATERIALS MAY BE PRESENT, SITE WAS SUPPOSED TO BE USED PRIMARILY FOR TRASH.	WORK PLAN FOR RI/FS BEING DEVELOPED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	HIGH POTENTIAL THAT GROUND WATER HAS BEEN CONTAMINATED.

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCLB BARSTOW CA LANDFILL	LANDFILL NORTH OF GOLF COURSE, NEBO, SITE #1. –	– INDUSTRIAL SLUDGE, AND INERT MATERIAL.	AS OF 5 APR 91 PA (C) SI (C) RF (U) HRS 37.93	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCLB BARSTOW CA LANDFILL	ORIGINAL TRASH LANDFILL, NEBO, SITE #6. –	– REFUSE, WITHOUT HAZARDOUS WASTE.	AS OF 10 APR 91 PA (C) SI (C) RF (U) HRS 37.93	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCLB BARSTOW CA LANDFILL	DUMP STORAGE AND LANDFILL, NEBO, SITE #7. –	– REFUSE, WITHOUT HAZARDOUS WASTE.	AS OF 10 APR 91 PA (C) SI (C) RF (U) HRS 37.93	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
MCB CAMP PENDLETON CA LANDFILL	BOX CANYON LANDFILL, SITE #7. –	– REFUSE, WITH HAZARDOUS WASTE.	AS OF 15 APR 91 PA (C) SI (C) RF (U) HRS 33.79	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCB CAMP PENDLETON CA LANDFILL	SAN ONOFRE LANDFILL, SITE #14. –	– UNKNOWN.	AS OF 15 APR 91 PA (C) SI (C) RF (U) HRS 33.79	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
PMTC POINT MUGU CA LANDFILL	LAGOON LANDFILL, SITE #1. 25 ACRES	POTENTIAL EXISTS FOR CONTAMINATION TO LEACH OR BE ERODED FROM THE LANDFILL, WITH RESULTANT THREAT TO SALINE AQUIFER AND SURFACE WATERS, POSING DANGER TO THREATENED SPECIES, ESTUARINE WILDLIFE, AND THE FOOD WEB; IMPACTING THE HIGHER ORDER SPECIES PRESENT. WASTE OIL,SOLVENTS, PAINT,PAINT SLUDGE, THINNER, TRANSFORMER OIL FILTERS (PCB'S), AND MERCURY AMALGAM.	A WORK PLAN FOR RI/FS HAS BEEN FINALIZED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS NORTH ISLAND SAN DIEGO CA BURIAL	HERITAGE PARK PUBLIC WORKS SALVAGE YARD, SITE #6. 0.15 ACRES	HIGH CONCENTRATIONS OF PCB'S, POSING A THREAT TO HUMANS. 50-75 GALLONS OF PCB'S MAY HAVE LEAKED.	RI/FS WAS SCHED., AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NALF SAN CLEMENTE ISLAND CA BURIAL	NORTH TANK DAM DISPOSAL AREA, SITE #12.	POTENTIAL EXISTS FOR SURFACE RUNOFF CONTAMINATING SURFACE WATERS, POSING A THREAT TO: AQUATIC LIFE, WILDLIFE, ENDANGERED SPECIES OF PLANTS AND ANIMALS. PAINT (LEAD & ZINC)	RI/FS RECOM'D, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NALF SAN CLEMENTE ISLAND CA PIT	FORMER ORDNANCE DISPOSAL AREA, SITE #14. 17,000 TONS	POTENTIAL FOR GRND. WATER CONTAMINATION, POSING A THREAT TO ENVIRONMENT, WILDLIFE, SEA LIFE, HUMANS, ENDANGERED SPECIES OF PLANTS AND ANIMALS. SMOKELESS POWDER, DEMOLITION CHARGES, WP PROJECTILES & GRENADES, ROCKETS, GUN AMMO & PYRO.	RI/FS RECOM'D, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL.

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS FALLON NV BURIAL	POST WORLD WAR II BURIAL SITE, SITE #19. 2200 CU.YDS.	HIGH POTENTIAL EXISTS THAT GRND. WATER HAS BEEN CONTAMINATED, POSING A THREAT TO: HUMANS, LIVESTOCK, WILDLIFE, FISH, AND ENDANGERED SPECIES. VEHICLES, AND POSSIBLY PAINTS, THINNERS, AND ENGINE CLEANING SOLVENT.	WORK PLAN BEING DEVELOPED FOR RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL.
NAS FALLON NV BURIAL	SHIPPING AND RECEIVING DISPOSAL SITE, AND AIRCRAFT DISPOSAL SITE, SITE #23. 1300 CU.YDS. *PLUS ONE DC-9.*	HIGH POTENTIAL EXISTS THAT GRND. WATER HAS BEEN CONTAMINATED, POSING A THREAT TO: HUMANS, FISH, LIVESTOCK, WILDLIFE, AND ENDANGERED SPECIES. ONE DC-9 (POSSIBLY WITH 100 GAL. OF HAZARDOUS FLUIDS ON BOARD), AND ASBESTOS.	WORK PLAN FOR RI/FS BEING DEVELOPED, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	HIGH POTENTIAL EXISTS THAT GROUND WATER HAS BEEN CONTAMINATED.

INSTALLATION NAME WESTDIV (SAN DIEGO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAF EL CENTRO CA BURIAL	SLUDGE BURIAL AREA, SITE #3. 20'x 10'x 5' DEEP.	POTENTIAL EXISTS FOR CYANIDE AND SILVER CONTAMINATION OF GRNDWTR. GRNDWTR. IS NOT SUITABLE FOR DOMESTIC OR AGRICULTURAL USE. SEWAGE SLUDGE (CONTAINING SILVER AND CYANIDE).	NEGOTIATIONS ARE U/W FOR RI/FS CONTRACT, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	POTENTIAL EXISTS.
NCBC PORT HUENEME CA BURIAL	EARTH MOVING AREA, SITE # 14. 30 ACRES	PERSONNEL MAY BE EXPOSED TO PCB'S. UNKNOWN CHEMICALS (DIAZINON ?), VAPAM (A PESTICIDE), AND WASTE OILS (PCB'S).	RI/FS INVESTIGATIONS SCHED. TO BEGIN IN MID 1988, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

WESTDIV (SAN BRUNO) SITES

LANDFILLS - 12

BURIALS - 1

FILLS - 1

INSTALLATION NAME WESTDIV (SAN BRUNO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS ALAMEDA CA LANDFILL	1943-1956 DISPOSAL AREA, SITE# 1. 120 ACRES	POTENTIAL HUMAN HEALTH IMPACT. POSSIBILITY OF SURFACE WATER CONTAMINATION, (FISH, AND ENDANGERED SPECIES). LOW LEVEL RADIOLOGICAL WASTE, WASTE OIL, PAINT WASTE, SOLVENTS, AND CLEANING COMPOUNDS.	WILL BE INCLUDED IN RI/FS AS OF, AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES
NAS ALAMEDA CA LANDFILL	WEST BEACH LANDFILL, SITE #2. 5 ACRES	SOILS AT SITE ARE POTENTIALLY CONTAMINATED. POSSIBILITY OF SURFACE WATER CONTAMINATION, (FISH, ENDANGERED SPECIES, AND MAN). SOLVENTS, PCB'S, PLATING WASTES, METALS, PESTICIDES, ORDNANCE, LOW LEVEL RADIOACTIVE WASTE, INFECTIOUS WASTE, ACIDS, OILY WASTE + SLUDGES, PAINTS, STRIPPERS, THINNERS, MERCURY, TEAR GAS AGENTS, BATTERIES AND CREOSOTE.	WILL BE INCLUDED IN RI/FS AS OF, AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES

INSTALLATION NAME WESTDIV (SAN BRUNO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
MCMWTC BRIDGEPORT CA LANDFILL	PICKEL MEADOW LANDFILL, SITE #3.	POTENTIAL FOR SOIL AND GROUNDWATER CONTAMINATION, ALSO THREAT OF SURFACE WATER CONTAMINATION. SOLVENTS, OIL, PAINT, AND BATTERIES.	UNDERGOING SI, AS OF JUN 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
WPNSTA CONCORD CA LANDFILL	TIDAL AREA LANDFILL, SITE #1. 100 ACRES	POTENTIAL FOR SURFACE CONTAMINATION AND RESULTANT IMPACT ON ENDANGERED SPECIES OF WILDLIFE & PLANTS. TRITANOL FILLER, SOLVENTS, PAINT CANS, ACIDS, CREOSOTE-TREATED TIMBERS, ASPHALT, CONCRETE, ASBESTOS, AND ORDNANCE MATERIAL.	AS OF 11 OCT 90 PA (C) SI (C) RF (U) HRS 29.92	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NRTF DIXON CA LANDFILL	LANDFILL AREAS, SITE #1. (THREE LANDFILLS) 1 ACRE TOTAL	CONTAMINATION COULD MIGRATE VIA GRNDWTR TO POTABLE, SURFACE WATERS AND WETLANDS. SHOP WASTES, FUELS, SOLVENTS, ELECTRICAL EQUIP. (PCB'S ?), AND EMPTY PESTICIDE CONTAINERS.	RECOM'D FOR SI, AS OF JUN 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

INSTALLATION NAME WESTDIV (SAN BRUNO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAS LEMOORE CA LANDFILL	LANDFILL, SITE #1. 39 ACRES	POTENTIAL FOR CONTAMINATION OF SURFACE AND POTABLE WATERS, AND WETLANDS. INDUSTRIAL WASTES, SOLVENTS, CHEMICALS, ASBESTOS, TRICHLOR-OETHANE, TCE, MEK, TURLO, PLATING SOLUTIONS, ACETONE, PAINTS, SOLVENTS, WASTE OILS, PCB'S, AND PESTICIDES.	SITE IS SCHED. TO BE INCLUDED IN THE CHARAC-TERIZATION STUDY OF THE RI/FS WHICH WAS EXPECTED TO BEGIN JAN 89, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES
NAS MOFFETT FIELD CA LANDFILL	GOLF COURSE LANDFILL, SITE #2. –	LOW CONCENTRATIONS OF PCB'S IN SOIL. POSSIBILITY OF CONTAMINATION MIGRATING OFF-BASE VIA SURFACE AND GROUND WATER (POSS-IBILITY OF HUMAN AND WILDLIFE IMPACT). MINIMAL INFO AVAILABLE ON TYPES, QUANTITIES, OR EXTENT OF MATERIALS DEPOSITED.	TO BE INCLUDED IN RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	YES

INSTALLATION NAME WESTDIV (SAN BRUNO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NSY HUNTERS POINT CA LANDFILL	INDUSTRIAL LANDFILL, SITE #3. 20 ACRES	IT IS POSSIBLE THAT CONTAMINATION HAS REACHED THE GROUND WATER AND IS MIGRATING TOWARDS THE SURFACE WATER. POSES A THREAT TO MARINE LIFE AND HUMANS. LIQUID CHEMICAL WASTES, ASBESTOS, FLUORESCENT RADIUM DIALS, SANDBLAST WASTE (PAINT SCRAPINGS).	AS OF 27 OCT 90 PA (C) SI (C) HRS 48.77	YES/ NOT OBSERVED	POSSIBLY HAS OCCURRED.
NAVCOMMSTA STOCKTON CA LANDFILL	FORMER LANDFILL AND BURNING AREA, SITE #1. 15'-18' W x 200' L x 5'-7' DEEP.	GRNDWTR. MAY BE CONTAM'D. COULD MIGRATE VIA GRNDWTR. WITH IMPACT ON FISH AND HUMANS. WASTE OILS, PCB'S, TCE, DDT, PAINT RESIDUES (LEAD), COPPER OR MERCURY SALTS, AND CALCIUM HYPOCHLORITE.	AS OF 28 OCT 90 PA (C) SI (C) RF (U) HRS 0.00	NOT OBSERVED/ NOT OBSERVED	MAY HAVE OCCURRED.

INSTALLATION NAME WESTDIV (SAN BRUNO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
NAVSTA TREASURE ISLAND CA LANDFILL	YBI LANDFILL, SITE #11. 100'x 400'	POTENTIAL EXISTS FOR GROUNDWATER CONTAMINATION. UNKNOWN TYPES AND AMOUNTS OF WASTES.	RECOM'D FOR RI/FS, AS OF AUG 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NSY MARE ISLAND CA LANDFILL	LANDFILL (AKA, SITE #1R-1), SITE #1. 100 ACRES	POSSIBILITY OF SURFACE WATER AND WETLAND CONTAMINATION VIA MIGRATION, COULD AFFECT: ENDANGERED SPECIES AND FISH.	RECOM'D FOR RI/FS, AS OF JUN 88.	NOT OBSERVED/ NOT OBSERVED	IS POTENTIALLY CONTAMINATED.

INSTALLATION NAME WESTDIV (SAN BRUNO)	SITE NAME	CONTAMINANT PROBLEM	RI/FS STATUS	PRESENCE/AMOUNT OF LEACHATE	GROUNDWATER CONTAMINATION
WPNSTA CONCORD CA BURIAL	1944 EXPLOSION - RYER ISLAND, SITE #8. –	POTENTIAL HUMAN HEALTH THREAT VIA DIRECT CONTACT, AND POTENTIAL FOR SURFACE WATER CONTAMINATION. ORDNANCE MATERIALS.	WAS UNDERGOING RI, AS OF JUN 88.	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NSY HUNTERS POINT CA FILL	BAY FILL AREA (AKA, SITE 1R-2), SITE #9. –	POTENTIAL EXISTS FOR CONTAMINATION OF GROUND AND SURFACE WATERS, WITH SUBSEQUENT THREAT TO MARINE LIFE AND HUMANS. SANDBLAST GRIT (STEEL, COPPER, AND LEAD GRIT), RUST, LEAD-BASED PAINT SCRAPINGS, COPPER AND OTHER HEAVY METALS, CHEMICALS, WASTE OILS, AND ACID TANK ROOFS.	AS OF 27 OCT 90 PA (C) SI (C) HRS 48.77	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED
NAS MOFFETT FIELD CA LANDFILL	RUNWAY LANDFILL, SITE #1. –	– INDUSTRIAL LIQUID WASTE, SOLVENTS, AND PAINTS.	AS OF 13 MAR 91 PA (C) SI (U) HRS 32.90	NOT OBSERVED/ NOT OBSERVED	NOT OBSERVED

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